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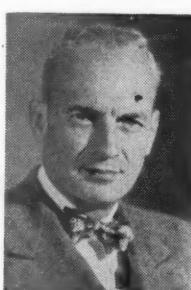
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Post-War Program

National Security Requires Strong Industrial Structure

BY DONALD F. CARPENTER
Chairman, Munitions Board

A SOUND industrial system, economically stable and with the capacity and ability to expand in an emergency, is the foundation stone of national security.



Mr. Carpenter

Until the first World War, all of us in the United States felt a keen pride in our industrial system without much thought as to what industry would have to do in case of war. We took very much for granted the assumption that industry was there and could do whatever might be necessary when the occasion arose. We had to call on it in 1917, and we had to call on it again in 1941. Industry's response in both wars not only surprised our enemies but it was somewhat amazing to ourselves.

We learned, however, that we had to pay heavily for taking too much for granted. We had to pay in delays, in frustration, and in waste of both time and money, although we did obtain the production we needed to win the wars.

We learned from that expensive lesson that industry must be fitted into defense plans way ahead of any possible emergency. We also know now that in this atomic age we cannot count on having the time necessary to do our planning when the firing starts. We must be ready and stay ready so long as there is the remotest possibility that we may have to take up arms again.

Preparedness does not, and should not, consist of keeping a vast fighting force of men, ships, and planes poised for war, nor in producing great reserves of the thousands of types of materials with which a war is fought.

This would impose an insuperable burden upon the nation and would be of doubtful value over any period of time, for the reason that developments are coming too fast, and concepts of warfare are changing so rapidly, that we would find much of this vast reserve utterly useless.

Our best preparedness lies in the formulation of definite, and practicable plans which can be thrown into effect on short notice. These must provide the flexibility necessary to relate them to changing concepts of warfare, and most important of all, they must be kept up to date. No plans will be useful if they are geared to conditions which existed at some time in the past. They must be altered to reflect changes.

That is the reason why the National
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National Defense Appropriations

The Senate Appropriations Committee late this week was preparing to report legislation providing funds for the Armed Forces during Fiscal Year 1950, which begins 1 July. This will be the largest peacetime military appropriation in the nation's history. Already passed by the House is a National Military Establishment appropriation bill, which contains the following monetary allocations:

Grand Total, NME	\$15,905,416,800
Army	\$4,481,000,000
Navy	\$5,019,000,000
Air Force	\$6,216,000,000
Coast Guard	\$143,759,000
Maritime Commission	\$69,336,424

Not included in the above figures are the estimated \$1,130,000,000 which will be sought for military aid to Western European democracies and \$300,000,000 for military aid to Greece and Turkey.

Navy to Modernize Carriers

Defense Secretary Louis Johnson announced this week that he has approved a Navy plan to modernize two additional aircraft carriers of the Essex class.

Mr. Johnson's announcement came after persistent reports in the press that he had scotched such a proposal after it had been ruled against by the Army and Air Force members of the Joint Chiefs of Staff.

In a memorandum to the secretaries of the three services on 21 June, the Defense Secretary stated that, after he had carefully reviewed the Joint Chiefs of Staff's memorandum on the subject of modifying the Navy Shipbuilding Program for Fiscal 1950, he had discussed the entire matter with the President, who approved his decision. The decision, he said, "is that the Navy go forward with the necessary arrangements looking to the submission to Congress of budget requests for the modernization of two additional carriers of the Essex class, as proposed by the Chief of Naval Operations."

The memorandum which Mr. Johnson mentioned reviewing, was not made available to the press, thus giving rise to further conjecture that Mr. Johnson had overruled the decision of the Joint Chiefs in the matter. Earlier newspaper stories had indicated that both the Army Chief of Staff, General Omar Bradley, and the Air Force Chief of Staff, General Hoyt S. Vandenberg, had not felt that the carrier-modernization program was necessary.

Mr. Johnson said, also, that he had given consideration to the views of the three Services, as developed orally at a special meeting of the War Council, which he held for that purpose last week.

At present, the Navy has three Midway-class carriers, the USS Midway, USS Franklin D. Roosevelt and the USS Coral Sea, which have been converted to handle heavy bombers. Successful flights have been made from the decks of all three by the Navy's P2V2 "Neptune," long-range patrol bomber, although the plane has not been able to land on the carriers' decks.

Conversion of two Essex class carriers, in addition to those newly approved by Secretary Johnson, is already being con-

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Air Force Promotions Near

Names of permanent Air Force first lieutenants selected for advancement to the permanent rank of captain may be made available in time for publication in next week's ARMY AND NAVY JOURNAL, officials at USAF Headquarters reported this week.

At the same time, it was said that the board meeting to consider officers, both Regular and Reserve, for temporary promotion to major is slated to complete its meetings 45 days after the initial session on 20 June.

This board will screen the records of about 8000 officers from which approximately 700 promotions will be made. Included in the number eligible for promotion to the grade of temporary major are all Regular AF permanent captains and all non-Regular AF officers on active duty in the grade of captain, who were 30 years of age prior to 1 July 1948 or who have five or more years of active Federal commissioned service prior to that date.

The eligibility list was compiled from recommendations of the various Air Force commands and includes only the names of officers considered by the Commands as "fully qualified" for promotion to the temporary grade of major.

Air Force personnel officials said that when these 700 promotions are effected, the number of temporary promotions made by the Air Force since the beginning of the current fiscal year will total about 2250.

The promotions to permanent captain will be made after 1 July as eligible officers complete seven years of promotion list service. Among those whose records are to be screened by this board are 46 permanent first lieutenants who have been "passed over" once.

It is expected that a number of the 46 permanent first lieutenants previously passed over will fail of selection by the second board and subsequently be separated from the Air Force. They will be the first officers to be separated from the Air Force under provisions of the Officer Personnel Act of 1947.

Senate Group Prepares To Push House Pay Bill

The Senate Armed Services Committee has completed public hearings on the House-approved Pay Bill and will consider the measure next week in closed sessions. In all probability the work of the committee on the bill will be concluded next week, and it may be reported to the Senate the following week.

After considerable discussion members of the committee decided against reinstating in the bill the proposals of the Hook Commission relative to voluntary and involuntary retirement which were omitted from the bill as it passed the House. This action is regarded as improving the chances for an early and favorable action on the bill.

The principal witnesses before the committee this week were Mr. Charles R. Hook, who headed the Commission on Service Pay, and General Omar N. Bradley, Army Chief of Staff. Mr. Hook urged favorable consideration of the measure, even if the Congress felt it necessary to cut the overall military budget.

General Bradley said that first class men in the military profession serve their country because of the satisfaction they find in that service, rather than in any financial rewards. However, he added, "too many of our most promising officers and non-commissioned officers are torn in conflict between a choice of duty to their country and duty to their children." He said that colonels and commanders in the prime of life and at the peak of their efficiency are now compensated at the pay rates of their fathers in the gaslight age.

The general took sharp issue with some members of the House of Representatives who vilified the so-called brass in our Armed Forces. These comments, he said, were not well taken by the men and women in the Army.

The Pay Bill appears to be gaining considerable support in the Senate. Chairman Millard E. Tydings (D-Md.), of the Armed Services Committee, Senator Styles Bridges (R-N.H.), ranking minority member of the Appropriations and Armed Services Committees, and Senator Scott Lucas (D-Ill.), Senate majority leader, have announced publicly that they favor the passage of the bill.

Thus far none of the committee members has indicated any dissatisfaction with the pay scales in the House bill. However, several Senators expressed a desire to have the voluntary and involuntary retirement features reinstated in the bill. Senator Harry F. Byrd (D-Va.), in particular, expressed the belief that relatively young officers should not be permitted to retire after 20 years' service at one-half their base pay in order to accept lucrative jobs in industry.

Senator Tydings received a letter from Representative Carl Vinson (D-Ga.), chairman of the House Armed Services Committee, in which the House position on this feature of the Hook Report was set forth. Mr. Vinson said that his committee felt that the Hook proposals for non-disability retirement were so complex and so far reaching that they

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Monterey Peninsula-Herald—“It has been a very long time indeed since there was a thorough and realistic overhauling of the rates of pay established for those who serve as professionals in the peacetime military forces of this nation. These people, it must always be remembered, are the same individuals who must assume responsibility for directing the rapid and effective expansions of these Armed Forces in time of crisis and emergency. The heavy responsibility that they bear is, in itself, more than ample justification for the most favorable working conditions and the fairest salary schedules that the nation can afford to set up and maintain.”

Chicago Journal of Commerce—“The House has voted to put a fancier price tag on gold braid. If the

Senate concurs, the already punchdrunk taxpayers will sustain a new blow—a \$300,000,000-a-year haymaker to the pocketbook. That sum is the cost of pay raises for the Armed Forces.”

New York Times—“At the present time it is more than ever important that the money spent on our Armed Services be well used. It is no time for wasteful carelessness on the one hand or for pinch-penny folly on the other. What we need is the best array of facts that can be obtained so as to get the best value for our money.... The one thing that we can't afford to do at this stage is either to spend or to slash without all the available facts in the case.”

Washington Star—“As of today, there is reason to believe that the guided missile nullifies the claims

of those who have described craft like the B-36 as being nearly invulnerable to fighter plane attack. At any rate, authoritative sources have strongly indicated that the missile, thought still not completely perfected, can be produced right now in a form effective enough to exact a heavy toll of attacking air power piloted by humans.”

Los Angeles Times—“If anyone actually proposed disbanding this most colorful corps of American fighting men, we'd join the Marines in shouting him down. But the current proposal to put a statutory floor under the numerical strength of the Marine Corps at 6 percent of the combined personnel of the Army, Navy, and Air Force, seems unwise and a little out of step with the times. Such military calculations shouldn't be frozen into law.”

Military & Civilian Govt. Pay

In an interview this week Senator Ralph E. Flanders (R-Vt.) said that he would oppose the Pay Bill to increase the career compensation of military personnel now pending in the Senate, unless pay increases for civilian employees of the Government are granted at the same time. He said that military personnel were getting all the best of it.

In support of his views Senator Flanders some weeks ago inserted in the *Congressional Record* a table prepared by the Bureau of the Budget, comparing salaries of civilian and military personnel in the Government service, indicating higher rates of pay in the military service in each instance. Supporters of adequate compensation for the Uniformed Services point out that such a comparison is inappropriate because the duties and assignments are so dissimilar.

Generally speaking, commissioned personnel have greater responsibilities than civilian employees. They are subject to frequent change of stations, whereas civilians often remain at one point throughout their service. Military personnel in peace and war have occupational hazards not ordinarily experienced by civilians. They are governed by different laws and regulations and their activities are strictly circumscribed. Because of frequent moves they have difficulty establishing a permanent home and in making profitable investments.

Foreign Service Comparable

More appropriate, it is contended, would be a comparison between the salaries of military officers and those of Foreign Service officers of the State Department. The latter do not have the hazards of military personnel, but they are subject to frequent changes of station, and serve outside the United States most of the time, often at unattractive and unhealthy places. While in foreign countries, these diplomatic and consular officers receive allowances for quarters, cost of living, official entertainment, and special allowances for disagreeable and arduous assignments, in addition to their base pay.

Salaries of Foreign Service officers range from the annual entrance pay of \$3,300 for a Class 6 officer, just joining the service, to \$25,000 a year for a Class 1 Chief of Mission. In addition they receive allowances fixed by the Secretary of State, which for the top ranking officers are very substantial. There is pending in Congress a measure, which will undoubtedly pass, which will add \$330 per annum to the pay of Foreign Service officers receiving less than \$10,000 per year. This increase is retroactive to 1 July 1948.

By comparison the base pay of an Army, Air Force, or Marine second lieutenant, or Naval or Coast Guard ensign on foreign service is \$2,376 per year, and that of a full general, on overseas duty, is \$9,679.92. With the increases proposed for military personnel in the bill now before the Senate a second lieutenant of less than two years' service on foreign or domestic duty, would receive an annual salary of \$2,565, and a general of 30 years' service would get \$10,854. In these comparisons the value of allowances is omitted for both military and Foreign Service officers. However, the allowances for the diplomatic personnel, while overseas, are generally substantially higher than for military officers.

It should be noted that from the base pay of Foreign Service officers a five per cent deduction is made to cover retire-

ment benefits. Allowances for quarters, cost of living, and representation, as well as other perquisites for these officers cease during the relatively infrequent periods that they are assigned to duty in the United States.

Promotion Rapid

Promotion in the Foreign Service is much more rapid than in the Armed Forces. After serving in one grade for a period of 18 months a diplomatic or consular officer becomes eligible for advancement to the next higher class. Hence it would be theoretically possible for an officer to progress from Class 6 to Class 1 in less than eight years. However, probably few, if any, are likely to reach Class 1 with less than ten years' service.

There are at present in the Foreign Service 1,320 officers. Of these 60 are career ministers, 63 are in Class 1, 134 in Class 2, 233 in Class 3, 261 in Class 4, 271 in Class 5, and 283 in Class 6. While the highest grade in the Foreign Service is that of career minister, some 60 per cent of the top posts of chiefs of missions, ambassadors and ministers are occupied by career diplomats, who receive the pay of these posts while so serving. Those who are temporarily occupying the post of ambassador or minister as charges d'affaires, and those serving as acting consuls general, consuls and vice consuls may receive higher pay at the discretion of the Secretary of State. Foreign Service officers may be granted by the Secretary 60 calendar days annual leave, cumulative up to 180 days, and the law provides that the Secretary is required to order home for statutory leave officers who have completed two years' continuous service abroad. Time consumed in going from and returning to stations is not chargeable against leave. Annual sick leave of 15 days each year, cumulative to 120 days may be granted.

Retirement Plans

Retirement in the Foreign Service is granted for age, physical disability, and length of service. Annuities for retired officers are fixed at two per cent of the average annual basic salary, not exceeding \$13,500, received in the five-year period immediately preceding retirement, for each year of active service, up to a maximum of 60 per cent. Optional survivor benefits are also provided.

Normally an officer retires at the age of 60, but may be retained on active duty by the Secretary of State for an additional five years in an emergency. He may retire at the age of 50, provided he has had 20 years' service. Credit toward retirement is granted for prior Government military or civilian service, and time and a half is allowed for service at notably unhealthy stations.

Any officer who has served more than five years and who becomes totally disabled by reason of disease or injury incurred in line of duty is eligible for retirement. If he has had less than 20 years' service his annuity is computed on the assumption that he had that amount of service, which gives him a minimum of 40 per cent of active duty pay. Provision is made for an officer to contribute up to 10 per cent of his salary and thus increase his retirement and death benefits.

In the event of illness or injury of a Foreign Service officer incurred in line of duty while serving abroad the Secretary of State is authorized to pay for medical treatment at a suitable hospital or clinic.

Pay Comparisons

The present annual pay schedules of Foreign Service officers, without allow-

ances, and without the \$330 retroactive pay Congress is expected to grant those receiving less than \$10,000 per year, are shown below, together with the proposed base pay of a typical military officer in a roughly comparable classification:

Chiefs of missions, including ambassadors and ministers (corresponding roughly to Army generals, lieutenant generals and major generals), \$15,000 to \$25,000.

Proposed pay for comparable Army rank, \$10,854.

Career ministers (corresponding to brigadier generals), 13,500.

Proposed pay for comparable Army rank, \$9,396.

Class 1 Foreign Service officers (corresponding to colonels), \$12,000 to \$13,500.

Proposed pay for comparable Army rank, \$8,037.

Class 2 (corresponding to lieutenant colonels), \$10,000 to \$11,900.

Proposed pay for comparable Army rank, \$6,669.

Class 3 (corresponding to majors), \$8,000 to \$9,900.

Proposed pay for comparable Army rank, \$5,472.

Class 4 (corresponding to captains), \$6,000 to \$7,900.

Proposed pay for comparable Army rank, \$4,446.

Class 5 (corresponding to first lieutenants), \$4,500 to \$5,900.

Proposed pay for comparable Army rank, \$3,334.56.

Class 6 (corresponding to second lieutenants), \$3,300 to \$4,400.

Proposed pay for comparable Army rank, \$2,565.

Calendar of Legislation

ACTION ON LEGISLATION

S. 213. Sen. Smith (R-Me.). To extend disability and death benefits to personnel of the Reserve components of the armed services while on active duty or in training. Signed by President.

H.R. 4516. Rep. Hardy (D-Va.). To amend existing law so as to provide for the retention of certain officers of the Medical and Dental Corps of the Navy. Passed by House and Senate. To President.

H.R. 4573. Rep. Brooks (D-La.). To repeal certain obsolete provisions of law relating to the naval service. Passed, with committee amendment, by House.

H.R. 4646. Rep. Brooks (D-La.). To authorize the Secretary of the Army to lend certain property of the Department of the Army to national veterans' organizations for use at national youth tournaments. Passed, with committee amendment, by House.

H.R. 4767. Rep. deGraffenreid (D-Ala.). To clarify the active-duty status of certain officers of the Army of the United States and the Air Force of the United States. Passed, with committee amendment, by House.

S. 1639. Sen. Tydings (D-Md.). To amend section 1452, Revised Statutes, relating to Presidential action on the proceedings and decisions of Navy retiring boards. Passed by Senate.

S. 1500. Sen. Tydings (D-Md.). To authorize the appointment of Col. Kenneth D. Nichols, professor at the United States Military Academy, in the permanent grade of colonel, Regular Army. Passed by Senate.

S. 1688. Sen. Tydings (D-Md.). To provide for certain adjustments on the promotion list of the Medical Service Corps of the Regular Army. Passed, with committee amendment, by Senate.

S. 471. Sen. Magnuson (D-Wash.). For the relief of Lloyd G. Findley, Commander, USN.R. Passed, amended, by Senate.

S. 1507. Sen. Saltonstall (R-Mass.). To amend section 10 of the Act of 2 Aug. 1946, relating to the receipt of pay, allowances, travel, or other expenses while drawing a pension, disability allowance, disability compensation or retired pay. Passed, with committee amendment, by Senate.

S. 1578. Sen. Tydings (D-Md.). To authorize the Secretary of the Army to proceed with construction at stations of the Alaska Communication System. Passed, with committee amendment, by Senate.

S. 509. Sen. Saltonstall (R-Mass.). To provide for the advancement of commissioned Warrant Officer Chester A. Davis, U. S. Marine Corps, retired, to the rank of lieutenant colonel on the retired list. Passed by Senate.

H.R. 5238. Rep. Vinson, (D-Ga.). To authorize the adjustment of the lineal positions of certain officers of the naval service. Ordered reported by the Brooks subcommittee to the House Committee on Armed Services.

H.R. 3039. Rep. Ford (R-Mich.). To amend section 302(c) of the Army and Air Force Vitalization and Retirement Equalization Act of 1948. Ordered reported to the House Committee on Armed Services by the Brooks subcommittee.

S. 1794. Sen. Tydings. (D-Md.). To repeal obsolete provisions of law pertaining to the naval service. Senate concurred in the House amendments to the bill. To President.

H.R. 4383. Rep. Brooks. (D-La.). To authorize certain personnel and former personnel of the Department of the Army to accept certain gifts and foreign decorations tendered by foreign governments. Ordered reported to House Committee on Armed Services by Brooks subcommittee.

BILLS INTRODUCED

S. 2102. Sen. Smith (R-Me.). To abolish the commissioned officer grade of brigadier general in the Army, Air Force, and Marine Corps; to provide for the classification of major generals of the Army, Air Force, and the Marine Corps as major generals upper half and major generals lower half.

S. 2103. Sen. Smith (R-Me.). To abolish the classification of rear admirals of the Navy and Coast Guard as rear admirals upper half and lower half; to establish the grade of commodore in the Navy and Coast Guard.

H.R. 5227. Rep. Doyle (D-Calif.) and H.R. 5283. Rep. Steed (D-Okl.). To authorize and direct the Secretary of the Army to accept the Croix de Guerre from the Government of France on behalf of the Seventh Armored Division.

H.R. 5244. Rep. Jacobs (D-Ind.). For the relief of Lt. Col. Charles J. Trees, AUS.

H.R. 5255. Rep. Curtis (R-Pa.). To amend the statute relating to the reserve components of the armed forces and the National Guard.

H.R. 5256. Rep. Dondero (R-Mich.) and H.R. 5266. Rep. Wilson (D-Okl.). To incorporate the Reserve Officers Association of the United States.

Commandant of Midshipmen
Comdr. Carlton Adams, USN, Executive Officer of Bancroft Hall and the Executive Department, became Commandant of Midshipmen upon Capt. Frank T. Ward's detachment 18 June, and will so serve until the arrival of Capt. Robert B. Pyle at the U. S. Naval Academy late in the summer. Commander Adams' orders to additional duty as Acting Commandant of Midshipmen also authorized him to assume the rank and wear the uniform of a captain. He is now on the promotion list for that rank.

Sec. Johnson Holds to 48 Air Groups

In a statement to the Senate Appropriations Committee this week Secretary of Defense Louis Johnson said that by adhering to the President's recommendation for a 48-group Air Force, rather than providing for the 57 groups on which the bill as passed by the House was based, a saving of approximately \$750 million could be effected. Mr. Johnson emphasized that he favors the military budget as submitted by the President.

The Appropriations Bill is now being considered by the Senate committee in executive session and is expected to be reported to the Senate in the near future. As passed by the House the bill provides for expenditures and contract authorizations aggregating \$15.9 billion for the National Military Establishment for the Fiscal Year 1950.

Budgeting For the Air Force

BY LT. GEN. E. W. RAWLINGS, USAF
Comptroller

THE Department of the Air Force was established as an Executive Department of the National Military Establishment by the National Security Act of 1947. At the Headquarters, an organization was created to carry out the functions, powers, and duties of the new department. Instead of the conventional-type organization of the War Department, with its General Staff popularly known as G-1, G-2, G-3, and G-4, and its Special Staff, the Air Force established Deputy Chiefs of Staff—one each for Materiel, Operations, and Personnel—and a fourth deputy designated the Comptroller.

The Comptroller's office satisfied the need for expert assistance capable of advising and coordinating the integrated fiscal and management activities of the Air Force. Under the jurisdiction of the Comptroller are the Auditor General, a Field Management Group, and the Directorates of Budget, Finance, Statistical Services, and Program Standards and Cost Control. Their activities include the development of the radically new Air Force budget system, operation of the world-wide disbursing and accounting network, the statistical reporting system for the Air Force, and such highly specialized management activities as Program analysis, including the development of program factors and cost standards, and the auditing of contracts and property accounts, including military property and sales accounts.

The creation of the separate Department of the Air Force imposed upon the Comptroller many responsibilities. In addition to formulating a new budget structure for more effective management of funds appropriated, steps were taken toward the development of new procedures for program balancing and cost management to insure the greatest possible return on every dollar spent.

One of the first steps in the development of the new budget structure was the improvement of skills in the field of management by giving Air Force officers special business training in both military and civilian institutions—thus providing personnel qualified to direct the management services for all of our major commands.

The Air Force Comptroller System has brought together our financial and statistical activities so that we can design and operate a carefully-knit plan for management control, and operations have been tightened through the installation of an entirely new, business-type system of cost control. The cost system furnishes our planners, our budget people, and our commanders with dollar cost standards for use both in estimating requirements and in controlling expenses.

The 1950 budget is the first the Air Force has presented independently and it provided an opportunity for a major Government department to embark upon a new budget arrangement. The structure was worked out with the Office of the Secretary of Defense and with the Bureau of the Budget, with the idea of presenting a pattern which would make it possible for the Appropriations Committee and for the Air Force to relate the dollars to program activities. In devising this structure, it was our endeavor to develop a series of appropriations and budget projects which would directly reflect program requirements. These programs could be priced simply and accurately within a single appropriation and, to a large extent, within a single budget project. This approach was considered the most feasible in relating dollar estimates specifically to each aspect of program requirements.

The main budget structure consisted of twelve appropriations which may be more clearly identified as the major elements of the Air Force program. Included under these twelve appropriations were fifty-six subsidiary budget programs that repre-



Lt. Gen. Rawlings

sented logical units of activity for administration within the Air Force and for consideration by the Secretary of Defense, the Bureau of the Budget, and the Appropriations Committee of the Congress. Within the budget programs, projects were established which constituted significant separable control and estimating elements. These projects were summations of, and supported by, detailed information by object and other classification of expense. This approach to budgeting, which permits the balancing of activities within major programs, is being watched with great interest by the National Defense Establishment as a potential improvement over methods which have been used by the military services for a number of years.

In prior years, the Air Force received directly appropriations covering aircraft procurement, certain direct operating expenses over which the Air Force had responsibility, and salaries of the Office of the Secretary and the Office of the Chief of Staff. We did not, however, have jurisdiction over the budget of any support items which were the responsibility of the Department of the Army. This year we presented, with very few exceptions, all such direct expense in the Department of the Air Force budget. This budgeting was accomplished as a result of detailed transfer agreements with the Department of the Army. While such agreements provide that the Department of the Air Force will budget for items in direct support of its activities, we were careful to avoid the establishment of duplicate facilities or the arbitrary proration of common expenses. As a result, the Department of the Army will continue to be responsible and to budget for services which are common to both Departments. Likewise, the Department of the Air Force will continue its responsibility for services which it renders to the Department of the Army.

Common Supplies and Equipment

For example, the Department of the Army will continue to procure, bulk store, and issue common supplies and equipment including such items as automotive equipment, subsistence, clothing, ammunition, and many other items for which it has procurement responsibility. While the Department of the Air Force will budget for the supplies, the Department of the Army will continue to budget for the services incident to procuring such supplies. The Department of the Air Force, on the other hand, will continue its budget responsibility for providing airlift, pilot training, and other services which are a common requirement of both Departments. This, we consider, is a fine example of the cooperation that prevails between the two Departments.

The Secretary of Defense coordinates the departmental budgets which provide the financial support for the roles and missions assigned to the three Services. Sec. 202 (a) (4) of the National Security Act of 1947 provides that the Secretary of Defense shall "supervise and coordinate the preparation of the budget estimates of the departments and agencies comprising the National Military Establishment; formulate and determine the budget estimates for submittal to the Bureau of the Budget, and supervise the budget programs of such departments and agencies under the applicable appropriations Act." This procedure preserves the essential unity of authority and responsibility within the Services, while integrating their plans and operations as members of a unified team for national defense.

Textile Advisory Committees

The Munitions Board has announced that the Textiles Industry Advisory Committee which was established June 17 1947 has been dissolved, and that its three subcommittees on cotton, wool, and synthetic fiber and silk have been given full Advisory Committee status.

Members and alternates of the three former subcommittees will continue to serve in their respective capacities on the new Advisory Committees.

The duties of the Committees are to advise the Munitions Board in the development of the military aspects of industrial mobilization plans for cotton, wool, and synthetic fiber and silk, and to advise the Board on procurement plans in connection with the national stockpile of strategic and critical materials.

Naval Industrial Group

Widens Scope to Embrace

Army & Air Force

The Navy Industrial Association voted this week to change its name to the National Security Industrial Association, according to an announcement made by the Association's President, Frank M. Folsom, President of the Radio Corporation of America.

Mr. Folsom stated that the change was made to provide through the Association, a liaison between all facets of American industry and all branches of the National Military Establishment in the interest of the National Security.

The action resulted from recommendations of a special committee of the Association's Board of Trustees headed by Herbert H. Rogge, Vice President of Westinghouse Electric Corporation. Mr. Rogge stated that the Association recognizes that "our National Security is the joint responsibility of industry and the Military Establishment."

"The Association," Mr. Rogge continued, "has pioneered in providing an industry-Navy relationship in peace time as a means of keeping industry alert to the needs of national defense. To this end the Association has carried out a most successful program during the past five years through a committee structure which has made available some of the best brains of industry for the solution of problems of the Navy Department and the Military Establishment."

"Since the passage of the Unification Act and more recently since the recommendations of the Eberstadt Committee of the Hoover Commission, the corporate members of the Association are convinced that we can better serve our national welfare by providing the same type of service for the Army, the Air Force and the Munitions Board as we have provided for the Navy Department.

"Many of our committees are already assisting all three Services and we wish to provide the opportunity for all our committees to do so."

Mr. Rogge stated that it was not the purpose or intention of the Association, in changing its name and participation, to attempt in any way to duplicate the functions or activities of any other association, and emphasized that the Association had always followed a procedure of cooperating fully with similar groups.

The National Security Industrial Association is composed of 543 corporations—small, medium and large—representative of all types of industrial endeavor and located in all sections of the country. Through its predecessor organization it has maintained advisory committees designed to promote the National Security of the United States by rendering industrial advice on Industrial Mobilization Planning, on the development in peace time of easy, workable business relationships between the Military Establishment and industry, and in the solution of current and long-range problems in the fields of research, development, manufacturing, procurement and personnel training. It has formed advisory committees servicing the various Bureaus of the Navy Department and industry committees in such fields as industrial mobilization, packaging, materials handling, plastics, medicine, food and research and development.

The work of its Procurement Advisory Committee has received widespread recognition throughout industry and has been effective in presenting industry's views regarding procurement practices affecting industry-Military business transactions.

Simplify Designs of Material

The Munitions Board has asked the Armed Forces to give special attention to simplification in the design of military material as an aid to production. In a memorandum to the three departments, the Board said members of industry have pointed out that production capacity could be increased many times if present complicated designs could be simplified.

In asking that efforts be made to simplify designs, the Board stated that the degree to which such simplification should be undertaken could be decided only in the departments, as adequacy to meet military needs must be given first consideration in design selection.

Army and Navy Journal

1227

June 25, 1949

Supply Dept. of Marine Corps

By MAJ. GEN. W. P. T. HILL, USMC
Quartermaster General

THE Marine Corps maintains its own supply system, immediately under the direction of the Commandant of the Marine Corps.

The Supply Department of the Marine Corps, under the control of the Quartermaster General, is the one agency generally responsible for the immediate logistic support of the Marine Corps.

This agency is unique in the Armed Services, in that it controls, from one central inventory control point, the flow of all types of equipment and supplies through one supply system down to using units.

The Marine Corps supply system, developed by years of experience and operation, is based on the theory that the adequate and timely support of combat troops is paramount; that such support can best be rendered most economically by a system which channels all supplies and equipment in bulk through General Supply Depots; that distributes these supplies and equipment to using activities through small local depots; and that procurement and distribution must be controlled at one central or inventory control point.

The first Marine Corps general Depot of Supplies, a key installation of the basic Marine Corps supply system, was established at Philadelphia, Pa., in 1798. The depot's prime mission then as now was "the manufacture of clothing and storing of supplies."

The basic supply system established then has been tested thoroughly for economy and effectiveness by years of war, peace time expeditions and garrison duty. It has been tested more recently for large scale emergency effectiveness by the unpredictable demands of World Wars I and II and proven sound. Minor changes are made from time to time in operational detail as they become necessary. The basic concept of the supply system remains intact.

If future planning or future operations can prove conclusively that this system should be changed other than in minor detail, it will be changed, but not until the need for such change is proven.

Close control is exercised by the office of the Quartermaster General over all phases of supply and supply management. Such control is possible only because all of the functions of determining requirements, the Budget, procurement programming, procurement, disbursing, accounting and auditing are performed by that office.

The Quartermaster General, in addition to his function of director of supply, is also the Fiscal Director and performs all of the functions normally found in a comptroller's department in private industry and some of the Armed Services.

It is the task of the Quartermaster General and the personnel of the Supply Department to operate the department in such a manner that the best interests of economy, and effectiveness are served while at the same time maintaining the traditional high state of readiness and combat potential of the Marine Corps for emergency employment in peace or war. This task must be accomplished within what appears to be at times, a narrowing sphere of individual choice of action.

The Supply Department of the Marine Corps has long been a proponent, if not the originator, of the principle of single service procurement. Its participation in single service procurement has been limited only by the ability of procuring activities to supply needed material economically as far as cost and procurement overhead are concerned, and without unreasonable delays, particularly in times

(Please turn to Page 1253)

Secy. Gordon Gray Sworn In

Gordon Gray was sworn in 20 June as Secretary of the Army. Secretary of Defense Louis Johnson administered the oath of office. The ceremony in Secretary Johnson's office was attended by members of the Cabinet, the Supreme Court, and the Congress and by other Government officials.

Mr. Gray has been Under Secretary of the Army since 25 May. Previously he had been the Assistant Secretary since 24 Sept. 1947. He succeeds Kenneth C. Royall who left the Secretaryship 27 Apr.

Army Rocket Research

A contract to organize and operate a laboratory for basic research and development in rockets and jet propulsion has been signed with the Ordnance Department of the U. S. Army by Rohm & Haas Company of Philadelphia, chemicals manufacturers, according to Otto Haas, president. The project will be located at the Army's Redstone Arsenal near Huntsville, Ala., one of the large arsenals constructed during the last war.

Dr. Ralph Connor, vice-president in charge of research, served during the war as Sectional Chief and later Chief of Division 8 of the National Defense Research Committee attached to the Office of Scientific Research and Development. He received the government's Medal of Merit for his services to the Armed Forces.

Army Rhodes Scholars

Three graduates of the U. S. Military Academy at West Point, N. Y., have been selected by the Rhodes scholar committee, for 3-year term scholarships at Oxford University in England.

The officers are 2d Lt. Richard T. Carvalho III, a former Navy enlisted man who was graduated at the top of the Class of 1949; 2d Lt. Dan L. McGurk (Class of 1949), and 1st Lt. Milton A. Strain (Class of 1946). They will arrive in England in time to attend the fall term at Oxford which will begin 1 Oct.

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UNITED STATES ARMY

General Draper Honored

Former Under-Secretary of the Army William Henry Draper, Jr., received the honorary degree of Doctor of Laws at the 117th Commencement of New York University recently.

Vice Chancellor Harold O. Voorhis presented Mr. Draper for the degree with the following citation:

"William Henry Draper, Jr. With a reserve commission dating from World War I, he left the vice presidency of a leading New York banking firm in 1940 to command for two years the 136th Infantry in the Pacific Theatre of World War II, thereafter became top economic adviser to the American Military Government in Europe with the rank of Major General, and then rounded out nearly a decade of conspicuous public service as Under Secretary of the Army charged with occupation policies throughout the world. From New York banker to regimental commander in the Pacific to major general on the European staff to military statesman in Washington and now back to multi, these agile transformations corroborate his reputed flair for legerdemain. Thirty years ago he returned to his alma mater at the end of the first global conflict to earn the Master of Arts degree; now after a protracted encore in the Nation's service, in the course of which he achieved the highest military rank of any alumnus of this university, he returns again, this time to receive our honorary doctorate of laws."

Study Electronics at RCA

Twelve student officers of the Army Ground Forces began on 20 June a three-month graduate training program in electronics at the Camden, N. J., plant of the RCA Victor Division, Radio Corporation of America. The course at RCA is held in cooperation with the Moore School of Electrical Engineering of the University of Pennsylvania, and is part of the Civil Schooling Program for Regular Army Officers.

"Firm Resistance" Necessary

Lt. Gen. Walter Bedell Smith, USA, commanding general, First Army, and former ambassador to Russia, said this week that the Soviets, "although exasperatingly difficult to deal with, do not want to risk war and will modify their aggressive policies when confronted with firm resistance, backed by recognizable force."

Speaking at the Conference of Governors in Colorado Springs, Colo., General Smith appealed for continuation of the European Recovery Program in full force, for entering "fully and wholeheartedly" into the North Atlantic Treaty and for providing military assistance to Western European nations.

General Smith said that "in this critical period of history, the United States cannot have a 'fair weather' foreign policy formulated under favorable conditions only to be abandoned or watered down when the going gets rough. We cannot," he asserted, "embark on a certain course of action, advertised to the world, and then back down before the job is finished."

Medical Center Graduation

Maj. Gen. George E. Armstrong, Deputy Surgeon General of the Army, will be the principal speaker at Walter Reed General Hospital commencement exercises marking the 1949 completion of residences and medical and dental internships. The ceremony will be held at 4:00 P. M. 28 June in Sternberg Auditorium. Col. Joseph U. Weaver, MC, Executive Officer of the Army Medical Center, will introduce General Armstrong.

Presiding officer for the occasion will be Maj. Gen. Paul H. Streit, MC, USA, Commanding General of the Army Medical Center, who will also present the certificates to the medical and dental officers.

Members of the Walter Reed General Hospital Intern group include:

Lieutenants Donald W. Anderson, Benjamin L. Archer, Edgar T. Beddingfield, Jr., David P. Buchanan, Calvin M. Caramela, Walter F. Creswell, Jr., John J. David, Arthur C. Dilettic, Richard H. Doss, Valerio J. Federici, Donald H. Glew, Jr., Frederick D. Good, Robert J. Halen, Francis H. Hinckel, Edward J. Jahnke, Albert J. Kanter, Harold Kolanaski, Donald V. Leddy, William C. Matousek, Kenneth W. Momeyer, Jr., Robert W. Moseley, Gordon K. Pyles, Robert W. Regan, Samuel M. Rothermel, Ben Selling, Jacques L. Sherman, Jr., and Frank L. Swift.

The Dental Interns are: Lieutenant Ashur G. Chavoor, Herman K. Dolin, Caesar Fastiggi, Lucian Samyd and Everett A. Tracy.

Among the residents who will be presented with certificates of completion by the hospital are: Lieutenant Colonel Harold E. Harrison, Louis S. Leland, Byron A. Nichol and Larry A. Smith; Majors Charles W. Alden, Harry M. Geyer, Jr., James L. Hansen, Harry A. Horstman, Edward A. Ricketts, John H. Spillane, Jr., Edgar H. Underwood, Jr., and David K. Worgan; Captains Fred E. Jenkins, John J. Kavanagh, John R. McLellan, Benjamin G. Musser, Robert S. Tolmach, Benedict M. Osetinsky, Norris A. Wimberley, Jr., and John B. Zaontz.

Army Relief Society

When the Ft. Dix Sunday School was founded in 1947 it was decided that weekly contributions to Army Relief Society would be received and be turned over to Mrs. H. L. Kersh, local ARS representative.

As of 1 June more than \$450 had been contributed to ARS by the Ft. Dix children. The Society keeps the children informed of the specific uses made of the money by the Education & Junior Relief Committee of ARS.

Promote Army Nurses

The following Army nurses have been promoted to the rank of captain:

Anne Bosshard	Constance G. Catalano
Louise M. Coard	Anna M. Evans
Lucy E. Hall	Elizabeth C. Mahoney
Mary C. Meacher	Marguerite D. Imhoff
Anna M. McCabe	Beatrice C. Yarbrough
Ruth M. Stallard	Margaret R. Bucko
Audrey E. Arnold	Jennie Goldstein
Edith H. Fowler	Elsie K. Hoin
Matilda Howard	Margaret L. Loucks
Iva D. Lewis	
Kathryn J. McCann	

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Armed Force School

Capt. Elliott C. Cutler, Jr., was graduated last week as the top scholastic student in The Advanced Class of the Armed Force School, Ft. Knox, Ky. He has been assigned to duty in the Far East Command.

Second scholastic honors went to Capt. Thomas Q. Donaldson IV, son of Col. Donaldson, PSM&T, University of Arizona. Captain Donaldson is on orders for duty in Germany. Capt. Adrian St. John, son of Col. Adrian St. John, retired, took third place scholastic honors. He will attend a graduate course in international relations at the University of Virginia.

A list of the other graduates follows:

Colonel

Mete Yurdakul, Turkish Army

Lieutenant Colonels

Rodolfo Belaunde, Peruvian Army
Wayne W. Brame
Carey A. Clark
Albert R. Cupello
Robley D. Evans

Majors

Jack L. Balthis
Kenneth T. Barnaby,
Jr.
John M. Barnum
Wayne L. Bart
Richard J. Bestor
William L. Blake
William S. Bowers
LeRoy D. Brummitt
Robert E. Byrns
Linden K. Cannon, Jr.
James Cantey
Raymond T. Chapman
Chathical Choon-haven, Slamese
Army
Robert B. Crayton
S. P. Dorman, British
Army
William E. Dressler
Rene E. Drews
Carl C. Edmondson
Brock H. Faulkner
Vasco J. Fenili
Alexander G. Fraser,
Jr.
Milford P. Fritsvold
Hilario G. Fusilero
John M. Gaustad
Robert K. Hamilton
Frederick W. Hawksworth
John W. Hopkins, Jr.
William B. Jacobs
Leonard H. Johnson
Lester B. Johnson
Myron T. Johnston

Captains

George S. Andrew, Jr.
Luis Arroyo, Mexican
Army
John R. Barclay
Robert M. Blair
Dwight D. Bonham
Jack Boswell
Wilson N. Boyles
Charles H. Brown
James T. Burke
Robert E. Carey
Gerald G. Coady
Horace J. Crouch, Jr.
Robert D. Danforth
Robert D. Dwan
Henry J. Ebrey, Jr.
Allen E. Ferguson
Alva J. Forsythe
David E. Foster
Uel W. French
Harry E. Gibb
Manuel A. Gomez,
Philippine Army
Herbert W. Hartung
Charles E. Hazel
Richard D. Healy
Clovis D. Heard
Harry G. Hill

First Lieutenants

William T. Unger,
USMC
Dagoberto M. A. Viola,
Argentine Army
Wilbert T. Woodson,
Jr.

Army Mutual Aid

The Army Mutual Aid Association received 33 applications for membership during the past week and paid the insurance benefits on account of the death of Col. Joseph L. Tupper and Col. Avery J. French.

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June 25, 1949

Military Procurement Policy

The procurement business of the Armed Forces is conducted "openly, without favoritism and under established and well-publicized procedures," Secretary of Defense Louis Johnson emphasized this week.

He issued a statement following publication of a story in the New York *Herald Tribune* which told of alleged influence exerted by "five per centers" in obtaining military contracts.

The Army, said Secretary Gordon Gray, welcomes the exposure of those who claim to have "influence" which can be used to obtain government contracts.

He said "there is no mystery connected with doing business with the Army, and no mysterious 'contacts' are needed."

The texts of the procurement statements by Secretary Johnson and Secretary Gray follow:

Secretary Johnson said:

Secretary Johnson
The procurements business of the Armed Forces is conducted openly, without favoritism, and under established and well-publicized procedures. Whatever pretenses of special consideration through personal influence may be held out to American businessmen by unscrupulous individuals, the fact remains that there is no personal influence or contracts with the military establishment.

"The military establishment welcomes the identification and exposure of anyone who claims such influence, and will investigate promptly all cases of this nature which are called to its attention.

"In a public address on 5 May, I discussed this problem as follows:

"Getting business from National Defense is a selling job. Far be it from me to give this group of past masters of salesmanship a lecture on the art and science of selling. You know far better than I that its main points are knowing what the customers want, how and where they buy, and then showing how your product fills their needs, when and where they exist.

"The salesman who performs these functions, be he owner, employee, or bona fide sales agent of a manufacturer, is always welcome because he renders a valuable service to the National Military Establishment.

"But there are others who prostitute the profession of salesmanship who seek to convince the small businessman that only by buying through them can he get orders from the government. To the small businessman I must emphatically say, 'That is not so. There is no need for special brokers, for fifteen percenters, for ten percenters, for even five percenters. There is no need for anyone to intervene between small business and the government to procure government contracts.'

"And to those who claim to sell 'influence at the right spots' I say, 'We will drive you out of the National Military Establishment!' And let those who engage in questionable brokerage activities heed this warning!

"Let me repeat: There is no need to have any broker between small business and the government to procure government contracts.

"The Army, Navy, and Air Force with the cooperation of the Munitions Board are intensifying their efforts to make certain that every manufacturer knows how to do business with the National Military Establishment, what is being bought, and what offices do the buying.

"As recently as June 4, still another guide to military purchasing agencies was issued by this office. The military services are unremitting in their efforts to warn American businessmen against those who would sell them a non-existent influence. We are attempting to root out such practices, and the business man who encounters them will do the National Military Establishment and the American public a service by calling them to our attention promptly."

Secretary Gray's Statement

Secretary Gray said:
"The Department of the Army welcomes the exposure of those who claim to have 'influence' which can be used to obtain government contracts, and it will be most happy to

cooperate, in any way, with any one who is seeking to insure that businessmen will not be misled by such claims.

"Anyone who claims to be able to get business from the Army through use of 'influence' is making a claim which is in direct opposition to the manner in which the Army is set up to do business. There is no mystery connected with doing business with the Army, and no mysterious 'contacts' are needed.

"On 28 January of this year, the Army announced and publicized the fact that it had set up a Procurement Information Center in the Office of The Assistant Secretary which would supply information to businessmen on current procurement programs, submission of bids and buying and purchasing offices. In short, any person interested in doing business with the Army can find out from this Center all he needs to know about the Army's methods of procurement. No one else will

be able to tell him anything in addition to what he can find out here. And it is quite possible that, by going to some other source for information, he will not be able to get all the information that he could get here. Once he has obtained his information from this Center, the answer to whether he succeeds in selling his product to the Army is up to him, his product and his business efficiency.

"The work of this Procurement Center has grown steadily since it was instituted, and I would advise those businessmen who have not yet used this service to start now, rather than to put their trust in those who claim to be able to use 'short-cuts' as the result of alleged 'influence.' The address of this Center is Room 4E-780, The Pentagon, and the telephone number is REpublic 6700, Extension 4327, in Washington. We hope that recent events will cause more and more businessmen to use the service, because we sincerely want to know what legitimate busi-

nessmen have to offer the Army and we want to help them make their offers in the proper way. In addition we feel that the publicizing of this service will help put an end to statements and claims which reflect upon the job being done by thousands of efficient and honest people who work in Army Procurement."

Gen. Bull Confirmed

The Senate this week confirmed the nomination of Maj. Gen. Harold R. Bull to be Commandant of the National War College, with the rank of lieutenant general.

Keep up with your friends by reading the Army and Navy Journal.

THEIR VICTORY PROVES AIR POWER IS PEACE POWER!



November, 1948. Winter has come to Germany and with it another crisis. Cold gray fog has "socked-in" Berlin's mighty Tempelhof airfield. The world waits for word that the Airlift has bogged down—word that never comes! For, at Tempelhof, a GCA operator from Flatbush, U.S.A., gazes intently as a tiny "blip" moves across the radar screen. Calmly he tracks down another of the huge Douglas Skymasters which arrive every three minutes 'round the clock. He smiles for a second as the transport thunders past outside, taxiing up to unload its precious cargo—food and fuel to help keep alive a city of two and a half million souls.



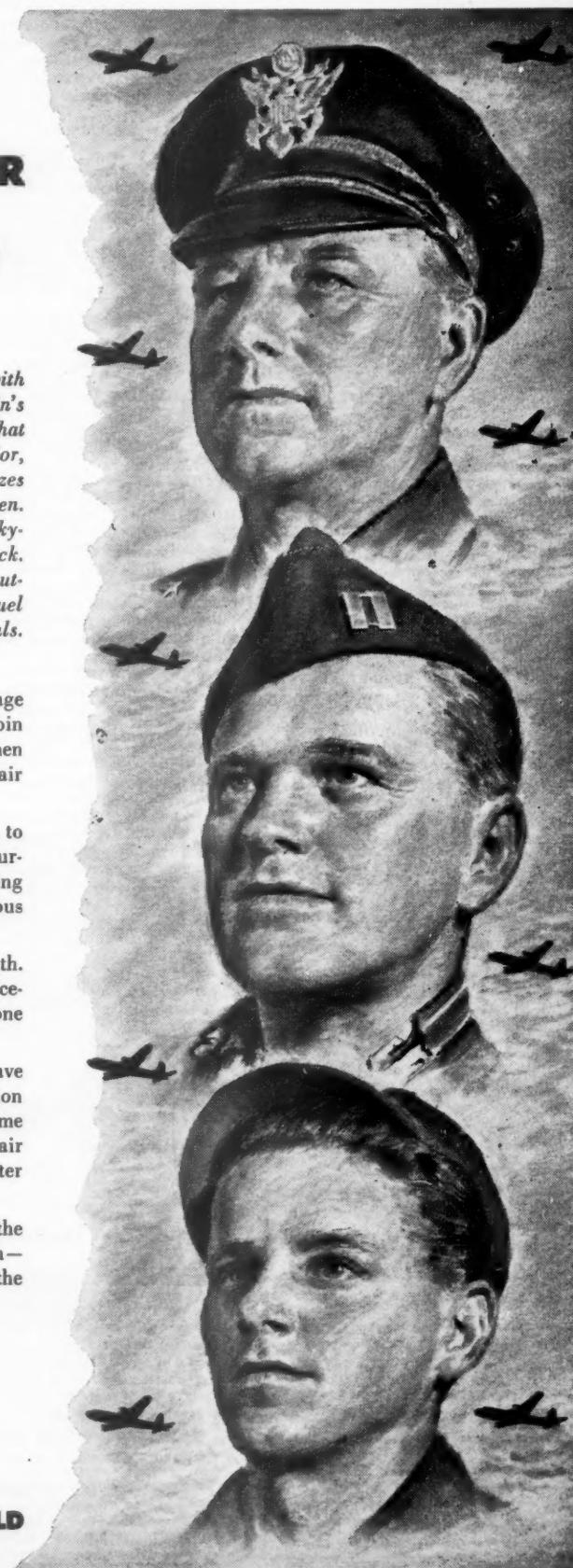
Today, as "Operation Vittles" becomes a brilliant page in history, freedom-loving people the world over join in saluting the courageous American and British men and women who made possible this great triumph in air cargo transportation.

For—under conditions akin to war—it took courage to fly blind through weather of the dirtiest kind. It took courage to overhaul engines out of doors in mud and freezing cold. It took courage to face and overcome enormous problems of maintenance, supply, communications.

There was blood and sweat and tears and sudden death. But there was no slackening of spirit. There was no noticeable break in the superb teamwork which was the backbone of the Airlift.

Costly as it was—no peacetime operation could have given our Air Force such training in logistics, precision flying, and aircraft maintenance. Nor could any peacetime operation have proved so dramatically the abilities of air cargo transport; and the vital need for even larger, faster cargo planes to meet the emergencies of the future.

"Operation Vittles" is a mission completed. But on the record of Time it will stand forever as a work of faith—of the faith of free men with those seeking to escape the slavery of ruthless dictatorship.



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U. S. NAVY & MARINE CORPS

Navy to Release Reserves

A large percentage of all Naval Reserve officers on active duty will be released by the Navy prior to 1 Aug.

At the same time, all temporary commissioned officers whose permanent status is enlisted and who have 30 years or more of active duty will be reverted to their permanent status or retired.

In making the announcement, Admiral Thomas L. Sprague, Chief of Naval Personnel, said that if further officer personnel reductions are required, every effort will be made to notify individuals concerned at least two months prior to the date of release or the date of reversion. The action was initiated in accordance with the strength requirements of fiscal year 1950, and further readjustment of officer personnel may be necessitated by the final action on the Navy's appropriations for fiscal 1950, BuPers said.

Members of the Fleet Reserve, under the plan, will be returned to inactive duty, while officers of the Naval Reserve who have more than 20 years of active service will be ordered to inactive duty or retired. Officers on active duty who are being paid from the Naval Reserve appropriation will not be affected by the personnel adjustment.

Certain exceptions will be made in the cases of officers who are electronics specialists, and certain other Reserve officers who are serving in a limited number of classified billets. These groups will be continued on active duty.

Permanent officers who are serving in temporary promotion grades will not be affected by the order.

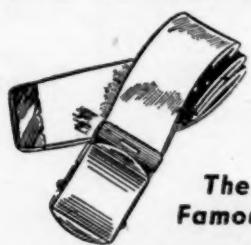
All officers concerned have been mailed letters of notification.

The Marine Corps informed the ARMY AND NAVY JOURNAL that no similar reductions or reversions are contemplated by it, although a program is now in effect whereby some of the Corps' Reserve officers on extended active duty are being switched over to continuous active duty in the Reserve program, where they will be paid from Reserve appropriations.

Regular Navy Confirmations

The Senate this week confirmed the nominations submitted 15 June of officers for appointment in the Regular Navy, as follows: 3,370 to be lieutenants, beginning with the name Donald L. Abbott; 1,555 to be lieutenants (jg), beginning with the name James H. Ackiss; and 106 (12 to be Lieutenant commanders; 16 lieutenants (jg); 78 ensigns) in the stated grades, beginning with the name Leif O. Torkelson.

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Airborne Electronics

Airborne electronic devices have been installed by the Navy in a modified Lockheed Constellation to test advanced electronic systems designed for installation on aircraft.

The modified plane, which has already successfully passed its initial test flight at Burbank, Calif., has been equipped with two large humps, called radomes, midway along the top and bottom of the fuselage, to house the electronic equipment.

The plane's familiar droop nose also has been slightly elongated, and a row of spiny antennae has been installed along the top and bottom of the fuselage aft of the large external radomes.

Designated PO-1W (patrol search plane) by the Navy, the modified Constellation will be used to test the advanced systems, which are still in a stage of development.

During test flights, the plane will carry a normal crew, including pilot, copilot, flight engineer and radio operator. In addition, it has facilities within the cabin for technicians and electronic equipment operators, and is equipped with bunks for relief of crew members on long flights.

Lockheed engineers reported that the Constellation's performance was not materially reduced by the bulky external radomes.

USN School, General Line

Comdr. Robert H. Close, USN, Instructor in Seamanship, and Operations Officer at the Naval School, General Line, for the past year and a half, left Monterey, Calif., 15 June to assume new duty as Commanding Officer of the destroyer USS Collett.

Before leaving the Naval School, Commander Close was awarded the Bronze Star by Capt. Thomas J. Casey, USN, Commanding Officer of the Naval School, in recognition of his outstanding wartime achievements while serving as Executive Officer of the submarine Grouper in the south Pacific. Lt. Comdr. R. H. Niles, Scheduling Officer at the Naval School, will assume duty as Operations Officer for the school.

Train for Marine Commissions

The Marine Corps' first Woman Officers' Training Course has been officially opened at Quantico, Va., with Capt. Elsie E. Hill as Officer-in-Charge.

Consisting of a Junior and Senior course, each of six weeks duration, the training class is designed to provide graduates eligible to receive reserve commissions in the Women Marines. The Junior Course includes drilling, Naval Law and Administration, Military courtesy and other classes. The Senior Course, to be held later in the summer, is for students with previous military experience.

This year's first class will be composed of approximately 70 women, according to Captain Hill. She will assist the Director in the conduct and administration of the school.



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To Promote Reserves

A Naval board was convened in the Navy Department this week to select approximately 1,600 Naval Reserve lieutenants for promotion to the grade of lieutenant commander.

The group, which will include 20 women officers, will be selected from a list of eligible Naval Reserve officers on inactive duty or on active duty in connection with administration of the Naval Reserve.

The eligible officers are Reserve lieutenants whose Regular Navy contemporaries were in promotion zones this year. These zones included lieutenants whose date of rank was on or prior to 1 July, 1944.

Board member are:

Capt. John C. Webb, USNR, senior member; Clarence H. Pike, USN; Frank B. Schaefer, USN; Martin R. Stone, USN; George A. Sharp, USN; Walter C. Greene, Jr., USNR; Clarence O. Ward, USNR; Harold R. Wright, USNR; Robert Strite, USNR; Huron C. Moore, USNR; John W. McElroy, USNR; William J. O'Brien, USN; and Stanley G. Nichols, USN.

Honor Admiral Kauffman

Vice Adm. James Lawrence Kauffman, USN-Ret., was honored recently by the Drexel Institute of Technology when he was presented as a candidate for the degree of Doctor of Engineering, *honoris causa*.

Currently President of the Jefferson Medical College and Hospital, Philadelphia, Admiral Kauffman received the Distinguished Service Medal during World War II while serving as Commander of the Philippine Sea Frontier. Prior to his retirement on 1 May 1949, he had served for three years as Commandant of the Fourth Naval District, Philadelphia.

Transfer to Regular Navy

Sixteen staff corps officers have been recommended by a selection board for transfer to the regular Navy. Those selected and their grades are:

MEDICAL SERVICE CORPS

Lt. Kenneth E. Becht Lt. Stanley W. Handford
Lt. (jg) Muriel R. Lt. (jg) Rose Martin-Cavey
Lt. Emmett P. Bryant Lt. (jg) Philip O. Geib

DENTAL CORPS

LCdr. Stephen A. Gray Lt. Walter G. Hillis
LCdr. Byrnes E. Missman Lt. Joseph S. Hurka

Lt. Frank I. Davis Lt. Arthur H. Pearson
Lt. Eymard L. Doyle Lt. George A. Pfaffmann

Retroactive Retirement

Members of the Naval Reserve who reached the age of 60 before 31 Dec. 1948, and who plan to apply for retroactive retirement benefits, must do so prior to 30 June, according to the Navy Department.

In addition, the Navy said, Honorary Retired List personnel also may be eligible for the benefits.

Qualified Reservists are eligible to receive retired pay from the time they qualified, or from 29 June 1948, whichever is later. After 30 June 1949, payments will commence the month following approval of the retirement application.

Applications should be forwarded immediately by eligible Reservists, including those already on the Honorary Retired List, via official channels to the Chief of Naval Personnel, Navy Department, Washington 25, D. C. Those who have not reached their 60th birthday, but who are otherwise qualified, should forward their application about six months prior to their 60th birthday in order that retirement benefits may be started upon reaching that age.

Application forms may be obtained from District Commandants.

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Navy Retirements

The Navy this week announced the retirement of 72 Regular and Reserve officers. Personnel involved are listed below in their retired status.

For Physical Disability

Bear Admiral, USN
Richard W. Bates John R. Sullivan
Albert T. Sprague, Jr. John Raby
Clinton E. Braine

Commodore, USN

Myron W. Hutchinson, Jr.
Captain, USN
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Marine Colonel Named

Assignment of Col. James Profit Risley, USMC, to command the Naval Reserve Officers' Training Corps Unit of Princeton University and his appointment as Professor of Naval Science on the Princeton faculty were announced this week by Dr. Harold W. Dodds, president of the university. Colonel Risley will succeed Capt. Frederick G. Richards, who is retiring from the Navy 1 July.

Colonel Risley, a U. S. Naval Academy graduate of the Class of 1922, is a veteran of Marine Corps warfare in the Pacific Theatre, beginning with the Guadalcanal campaign. In the Saipan and Tinian actions he was in command of the 6th Regiment of the 2d Marine Division. Toward the conclusion of the war he was Division Marine Officer of Battleship Division 3. For the last three years Colonel Risley has been stationed at the Navy Amphibian Base at Coronado, Calif., engaged in the training of troops.

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Navy League Has Stormy Career

Called an "autocratic civilian" by the Navy League when he ordered the Navy to abandon work on its super aircraft carrier, Defense Secretary Louis Johnson jabbed back at the League, and other critics, this week, in an address before graduates of the National War College.

Declaring that the cancellation of construction plans for the Navy carrier had been "twisted into a charge of persecution against the Navy," Mr. Johnson asserted that partisans of the Naval service had, "in their campaign of terror against further unification of the Armed Forces, ... roused false issues without the substance of truth."

The current battle between Secretary Johnson and the Navy League, centering around the carrier dispute, and Johnson's plan to abolish Navy Day in favor of a National Defense Day, is reminiscent of other fights in which the League has participated in the past.

Battle with Daniels

First of the feuds was with Josephus Daniels, Secretary of the Navy in the cabinet of President Woodrow Wilson. In a row over a magazine explosion at a West Coast Naval establishment, Col. Robert M. Thompson, then President of the League, severely criticized the Navy's handling of the affair, and was promptly rebuked by Daniels, who issued an order to all Naval stations, directing that no member of the Navy League was to be permitted on board at any time. This order remained in effect until 1921 when Daniels left the Navy Post.

Herbert Hoover, during his occupancy of the White House, also came in for a heavy broadside from the League in 1931, when he recommended reduction of Naval expenditures. Labelled "abysmally ignorant" of Naval affairs by the League's president, William Howard Gardiner, Hoover charged the League with "untruths and distortions of fact," and demanded a public apology from Gardiner.

In the present controversy over the Navy Day celebration, several verbal blows have been exchanged by both sides. Navy League President, Frank A. Hecht, maintains that since the League originated Navy Day and has sponsored it for the past 27 years, it is for the League to decide whether it shall be continued. In a recent letter to Secretary Johnson, Mr. Hecht said that, even though cooperation of the Navy Department should be denied the League, plans for a Navy Day celebration will "be promoted, nevertheless." Mr. Johnson replied that if the celebration was held no Navy Department personnel would be permitted to participate.

46 Years of Activity

Founded in 1903 by a group of five men which included the noted author, Washington Irving, the Navy League estab-

lished as its purpose the promotion of "a more general knowledge of the Navy by men who had experienced the devastations of war and were firm in the belief that without an adequate Navy there can be no assurance of peace."

With 292 local councils (or chapters) established in the same number of cities throughout the United States, the Navy League membership now stands at approximately 10,000. Most members, the League says, are citizens who have never been connected with any of the military services, but who are interested in creating "a broader understanding of the Navy and its mission."

The League, today, has sixteen national officers, most of whom are prominent, retired business men, and its past membership has included such illustrious names as Theodore Roosevelt (who contributed a part of his Nobel Peace Prize money to the organization), Franklin Delano Roosevelt, James E. Forrestal, Ralph A. Bard, one-time Under Secretary of the Navy, and many others. Among its present members are John Jay Hopkins, President of the Electric Boat Company; Winthrop Aldridge, President of the Chase National Bank; George Codrington, Vice President of General Motors; Charles Francis Adams, Jr., son of a former Navy Secretary; and Ferdinand Eberstadt, head of a recent task force which recommended drastic changes in the National Defense set-up.

Distributes Navy Story

During the forty-six years of its existence, the League has given wide distribution to thousands of publications concerning the Naval Establishment. These have taken the form of reprints of speeches or reports made by top-ranking Navy officers, as well as feature articles by well-known writers discussing Navy subjects, bulletins, statements, and a monthly information letter, *Know Your Navy*. The League's mailing list for these publications includes its own membership, plus all senators, congressmen, cabinet officials, numerous newspapermen, radio commentators, schools, universities and libraries.

According to the League, the purpose of disseminating material of this nature is to educate the public in the role of the peacetime Navy; of the prestige that its armed strength gives to our statesmen in their conduct of diplomacy; of the protection it gives to our exports; and of the insurance that it gives to the entire people that the vast business by which we live shall not collapse in time of war."

In a letter to its members immediately following the recent resignation of Navy Secretary Sullivan, the League warned them to "be on the alert for false and misleading statements aimed to discredit the Navy and promote a dictatorial 'defense' hierarchy." Members were urged to "stir up interest" in their community by

talking to their local editor "and others who make public opinion," to talk to their congressmen and senators, to "go to Washington," and "speak up for America and the U. S. Navy."

The alarm which the League expressed over Mr. Johnson's carrier order was undoubtedly allayed somewhat this week when the Defense Secretary emphasized that "a strong Navy is absolutely vital to the security of the United States," adding "we could no more deny the fleet its carrier aircraft than we could deny ships their radar."

Indicating that he wished to put an end to the charge of conspiracy, Johnson said he was "convinced of our continuing need for carrier aircraft," and, in a separate order, gave the Navy the go-ahead signal on modernization plans for two additional Essex class carriers.

Secretary Johnson also reaffirmed the birthright of the Marine Corps, whose role in the future, he said, "is guaranteed not by sympathy for its historical tradition but by the proven necessity for equipping fleets with assault forces for the seizure or defense of naval bases essential to the conduct of naval campaigns."

The Navy Day dispute, however, has not been settled, at least insofar as the Navy League is concerned. The League's present plans for observing the anniversary are expected to be revealed by Mr. Hecht shortly after the Air Force Association convention on 4 July.

To Further Unification

Believing that parity in the armed services would be furthered by equalizing ranks in the Army and Navy, Senator Margaret Chase Smith (R-Me.), this week introduced two bills, S. 2102 and 2103, seeking equalization of grades.

S. 2102 provides for abolishing the grade of brigadier general in the Army, Air Force, and Marine Corps, and for the classifying of major generals in those Services as major generals, upper half, and major generals, lower half, paralleling upper half and lower half rear admirals.

S. 2103 provides that rear admirals, upper half and lower half, shall be abolished in the Navy and Coast Guard and the grade of commodore shall be established in the Navy and Coast Guard as a rank between rear admiral and captain, thus corresponding to the grade of brigadier general in the Army, Air Force and Marine Corps.

To Modernize Carriers

(Continued from First Page)

ducted by the Navy. One, the USS *Essex*, has been in the process of conversion since 15 Feb. of this year at the Puget Sound Naval Shipyard. The other, the *USS Wasp*, is being converted at the New York Naval Shipyard, where work was initiated on the first of last month.

Work on all of the carriers includes strengthening of flight decks to handle heavier planes, increasing the capacity of the catapults and elevators, and installation of escalators to the hangar deck for flight personnel.

The modernization program will give the Navy a total of seven converted carriers, providing Congress approves budget requests for the two mentioned in Mr. Johnson's memorandum. In addition, a new Essex-type carrier, the *USS Oriskany*, now being built at the New York Naval Shipyard and scheduled for completion about June 1950, will also incorporate the same modernized features.

In addition to the eight carriers mentioned, the Navy has five carriers in the active fleet. They are the *USS Leyte*, *USS Philippine Sea*, *USS Kearsarge*, *USS Boxer*, and *USS Valley Forge*. Sixteen others are stored in the Reserve Fleet.

Secretary Johnson's memorandum, dated 21 June, follows:

Memorandum for The Secretary of the Army; The Secretary of the Navy; The Secretary of the Air Force, and The Joint Chiefs of Staff.

Subject: Modification of Navy Shipbuilding Program for Fiscal Year 1950.

As stated in my memorandum of 13 June 1949, I have carefully reviewed the Joint Chiefs of Staff's memorandum of 10 June on the above subject.

In addition, I have given consideration to the views of the three Services, as developed orally at the special meeting of the War Council which I held for this purpose on 17 June.

Finally, I have discussed the entire matter with the President, and you are hereby advised that the President has given his approval to my decision on the matter—which is that the Navy go forward with the necessary arrangements looking to the submission to Congress of budget requests for the modernization of two additional carriers of the Essex class, as proposed by the Chief of Naval Operations in the memorandum of 10 June.

(Signed) Louis Johnson.

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New In-Flight Feeding Unit

The Air Force has ordered from various industrial food processors 1,000,000 units of a newly-developed combat food packet for issue to all USAF commands operating bomber and reconnaissance type aircraft. It is the new standard food unit developed by the Air Force for in-flight feeding of aircraft personnel on prolonged flights.

Costing approximately 90 cents per package, the in-flight feeding unit provides between 1,200 and 1,300 calories per meal. In development for more than a year, the food packet was designed by the Armed Services Food and Container Institute, Chicago, Illinois, under requirements prescribed by Air Materiel Command's aero-medical laboratory.

Each food unit, designated the IF-2, is packed in a cardboard box measuring about eight by three by six inches. This package contains four small cans and an accessory packet. One can of the unit contains meat; the second, fruit; the third, crackers, and the fourth, dessert. The accessory packet contains a can opener, sugar, soluble coffee, tea, and milk, salt, pepper, chewing gum, a plastic spoon, and a paper towel and napkin.

The food may be heated in food warmers connected to the aircraft's electrical system, and may be served in the cans or on a paper plate. Plug-in type electric warmers will be used to make hot coffee or tea. Seven types of meat courses are available in the units: chicken, hamburger, beef and pork loaf, pork and apple sauce, ground meat and spaghetti, beef and corn, and ham and eggs. Four types of fruit are available in the various types of unit combinations: peaches, cherries, fruit cocktail, and apricots.

The bread can contains five crackers; and the dessert can contains cookies and candy discs.

General Kenney Honored

General George C. Kenney, commanding general, Air University, Maxwell AFB, Ala., was decorated with the French Legion of Honor and the Croix de Guerre at a ceremony in the French Embassy, Air Attaché Annex, Washington, D. C., last week. Brig. Gen. Charles Lauzin, military attache of France, made the presentation.

State Society President

Lt. Col. H. R. Kenaston, USAF, was elected president of the South Dakota State Society of Washington at the recent annual business meeting in Washington. Colonel Kenaston is chairman of the Board of Review in the office of the Judge Advocate General, USAF.

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The Comptroller of the Air Force has declared that just as Great Britain became a sea-minded nation, "so must we become a great air-minded nation, and develop air power to protect us."

Lt. Gen. E. W. Rawlings, speaking 18 June at the dedication of the Winona, Minn., airport, said that "when our American poetry sings of the air, as British poetry sings of the sea; when the uniform of the airman is a familiar sight throughout our land; when the terminology of flight becomes familiar to all of us and part of our speech; then we will have become a great, air-minded nation, conscious of our role in the modern world. Then truly will our air power be a great force for preserving the security of our nation, and for giving to the world the kind of peace that will endure."

USAF Rocket Experiment

The Air Force fired the fifth of eight modified German V-2 rockets at the Army's White Sands Proving Ground, Alamogordo, N. M., on 14 June in a program designed to devise methods for parachute recovery of instruments from large rockets in the USAF upper atmosphere research program. Results of the recent firing have not yet been evaluated.

The testing program has been designated "Blossom," descriptive of the flaring parachutes used in the experiments to permit parts of the spent rockets to be returned to the ground without damage. In the modified V-2 rocket the entire 3,600-pound warhead, containing instruments and equipment for upper air research, is detached from the rocket at a height of approximately 100 miles above the earth. Trailing a 30-foot-diameter pilot parachute the warhead falls freely through the thin upper atmosphere until it is below a 50-mile altitude. At this height, the air becomes dense enough to fully open the pilot parachute and pull the 100-foot-diameter main parachute from its housing. At an altitude of 50 miles, even with the larger parachute opened, the instrument section of the rocket falls very rapidly until denser air near the earth's surface is reached. During final stages of the drop the rate of descent decreases so that major damage of the apparatus is avoided when it touches the ground.

In the four prior parachute recovery firings one has worked perfectly and three have been marred by minor malfunctions of equipment. This parachute-recovery method will enable the Air Force to recover expensive meteorological instruments from large rockets and entire smaller rockets used in the USAF's upper atmosphere research program.

USAF Reassigns 66 Officers

Sixty-six Negro officers, stationed at Lockbourne AFB, Columbus, Ohio, have been reassigned by U. S. Air Force headquarters to new duty stations throughout the USAF.

Reassignment of the officers, now serving with the all-Negro 332nd Fighter Wing at Lockbourne AFB, is the first move to put into effect the Air Force's recently-announced policy providing for equality of treatment and opportunity.

As an initial step under that policy, all personnel of the 332nd Fighter Wing are being interviewed to determine their qualifications for general reassignment in the Air Force. Simultaneously, all other Negro personnel are being examined at their respective stations to determine their availability and fitness for possible reassignment or entrance in technical training schools. The screening of Lockbourne personnel will be completed by the end of June.

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Air Univ. Graduation

A total of 123 senior Air Force, Army, and Navy officers were graduated last week from the Air War College's third class, which began last August. Graduated from the Air Command and Staff School's fourth class, which started in January, 1949, were 436 Air Force, Army, and Navy officers. New courses at the Air Command and Staff School and Air War College, Maxwell AFB, Ala., will begin in July and August, respectively. The first two courses at the Air Command and Staff School were of nine months' duration.

More than 1,500 students have finished the two schools since they opened on 3 Sept., 1946. Commandant of the Air War College is Maj. Gen. Orvil A. Anderson, and of the Air Command and Staff School, Brig. Gen. John A. Samford.

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The following RAF and RCAF officers have been observers on the course: Group Captains G. A. Bolland and G. J. C. Paul (RAF); Wing Commander H. C. Blasberg and A. A. Saw (RAF); and Wing Commanders F. W. Ball and W. H. Stapley (RCAF).

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(Continued on Next Page)

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(Continued from Preceding Page)

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Squadron Leaders, British Commonwealth
Norman L. Magnus-
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Harley F. Thompson
June 25, 1949

Maj. Gen. Walton, USAF, Retires

Maj. Gen. Leo A. Walton, Deputy Director of the Secretary of the Air Force Personnel Council, will retire from active duty upon his own application, 30 June, after more than 30 years of active federal service. During the war he served as Chief of Staff of the Caribbean Defense Command and as Air Inspector of the China Theater of Operations. Following the war he became Commanding General of the 14th Air Force at Orlando, Fla., where he served until appointed to the Secretary of the Air Force Personnel Council in 1948.

Brig. Gen. Harry G. Armstrong, former commandant of the USAF School of Aviation Medicine at Randolph AFB, San Antonio, Tex., has been assigned to USAF headquarters as acting Deputy Surgeon General of the Air Force, as reported in last week's ARMY AND NAVY JOURNAL.

Brig. Gen. Herbert B. Thatcher, Deputy Chief of Staff for Operations at Headquarters, Far East Air Forces, in Tokyo, will become Deputy for Operations at Continental Air Command, Mitchel AFB, Hempstead, N. Y.

Brig. Gen. George R. Acheson, Chief of Staff of the Fifth Air Force at Nagoya AFB, Japan, will be Deputy for Materiel at Continental Air Command.

Brig. Gen. Alvin R. Luedcke, assigned to Headquarters for duty with the Joint Staff and as a member of the Joint Strategic Plans Group, will be assigned to the Office of the Secretary of Defense for duty as Executive Secretary of the Military Liaison Committee to the Atomic Energy Commission.

Fixed Price Contracts

The Army, Navy, and Air Force soon will be using the same clauses in their fixed-price supply contracts, thus simplifying procurement and making it easier for suppliers to do business with the Armed Services. Secretary of Defense Louis Johnson announced this week.

The new standardized contract clauses are for use in all fixed-price contracts initiated on or after 1 Oct. 1949, or executed on or after 1 Jan. 1950. They will apply to fixed-price contracts entered into by either formal advertising or negotiation for supplies such as food, clothing, equipment, arms, ammunitions, fuel, materials, and machinery of all kinds.

Included in the clauses are stipulations as to inspection, convict labor, responsibility for supplies, nondiscrimination in employment, termination for convenience of the government, changes, and a number of others. Some are to be used in all fixed-price supply contracts, and others are for inclusion when applicable.

The interdepartmental committee which developed the new regulation consisted of Brig. Gen. E. M. Brannon and Col. P. M. Seleen, Army; Rear Adm. J. D. Boyle and Mr. H. B. Gross, Navy, and Brig. Gen. W. T. Thurman and Col. P. W. Smith, Air Force.

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"The Army and Navy Journal is established in the interests of no party; it will be controlled by no clique. Its independence will be absolute. Avoiding all personal and political bias, its influence will be directed solely to the inculcation of sound military ideas, and to the elevation of the public service in all its departments."—From Vol. 1, No. 1, of the Army and Navy Journal, published August 29, 1863.

SATURDAY, JUNE 25, 1949

"We knew, from 1918 on, that any future grand-scale program of national defense would be first of all and last of all, an industrial program."—ROBERT P. PATTERSON.

OUR PRIORITY LIST

1. Immediate reenactment of the law authorizing special military exemptions from the Federal Income Tax, broadened to exclude all retired pay from taxation.
2. Increase of Service pay for active and retired personnel.
3. Prompt construction of suitable family quarters for commissioned and enlisted personnel at all permanent stations.
4. Early attainment and continued maintenance of a fully manned 70-group Air Force, equipped with the best modern aircraft and supported by a sound basic law for the Air Force.
5. Rapid expansion of our submarine fleet, accelerating development of anti-submarine vessels and equipment, with continued experimentation and construction of new naval types.
6. Organization and training of a balanced Mobile Ground Force, of sufficient strength and ready, with complete modern equipment, for immediate action in a National Emergency.
7. Liberal compensation for disability and service retirement of officers and enlisted men, with provision for retirement in highest grade satisfactorily held at any time.
8. Death benefits for survivors of military personnel based on today's higher living costs.
9. Increased allowances to compensate personnel for all expenses incurred while traveling on official duty.
10. Provision for the education of the children of Service personnel on active duty without expense where free public schools are not available.
11. Reimbursement for use of private automobiles on official business.
12. Close supervision and constant readjust of Service promotion and elimination policies to assure the prevention and prompt correction of injustices and inequities.
13. Close cooperation with industry and development in all new and unconventional methods of warfare, including atomic, biological, and radiological weapons, guided missiles and psychological warfare. Close liaison with industry and labor as elements of the National Defense team.
14. Development and improvement of the organization and training of the National Guard, Organized Reserves, and other civilian components, with proper inactive training pay and appropriate training facilities for all elements.

THE recent war clearly demonstrated the imperative necessity for the closest co-operation between the Military Establishment and Industry in order to guarantee National Security. The war was won at sea, in the jungles of the Pacific islands, on the Normandy beaches, in the mountains of Italy, in the snow of the Ardennes, and in the sky over Germany and Japan, not only because of the courage and devotion of our fighting men, but also, and importantly, because of the magnificent functioning of our vast industrial organization. Our Air Force was built up with incredible speed through the imagination, skill, industry and zeal of American aircraft manufacturers, and thousands of sub-contractors, who made the tools and parts, essential to the fabrication and assembly of the great argosies of the sky. Our shipbuilders constructed men-of-war, merchantmen, and landing craft at a rate that far exceeded the most sanguine estimates. Motor manufacturers, machine builders and many thousands of other producers eagerly converted their plants from their peacetime uses, in order to turn out vast quantities of tanks, trucks, artillery, machine guns, rifles, and other weapons of all types, as well as the almost limitless progression of clothing, food, and the myriads of personal items so essential to victory. Without this tremendous lift from industry we could not have swept enemy craft from sea and sky; we could not have landed on the beaches in Africa, Europe and the Far East; we could not have dominated the air in every theater of operations; and we could not have overrun Europe and the Pacific Islands, and brought Italy, Germany and Japan to their knees. This team work of the Armed Forces, Industry, and Labor must be maintained in peace as in war. It is essential that the procurement services assist in perpetuating the skill, technique, knowledge and experience developed by Industrial organizations, large and small, during World War II. There is pending in Congress a Military Appropriations Bill, providing for the expenditure for the year beginning next July of nearly \$16 billion, the largest peacetime military budget in our history. In addition there will be other billions appropriated for Marshall Plan aid to European countries, and probably more than a billion for military assistance to the nations in the Atlantic Alliance. Very large portions of these expenditures will go for American purchases of military and industrial equipment. In so far as practicable, consideration should be given to allocating these orders to firms whose plants, including the small ones, may be essential to our military security. In this issue the ARMY AND NAVY JOURNAL publishes, for the special attention of procurement officers, a directory of advertisers whose products are important to the Armed Forces. These firms are reliable and competent. We are happy to commend them to the Services.

MEMBERS of the Senate Armed Services Committee in their consideration of the Pay Bill passed last week by the House are proceeding with as much dispatch as is consistent with the thorough study of this highly important measure. Action was expedited by the decision of the committee not to include the provisions for voluntary and involuntary retirement originally proposed by the Hook Commission but omitted from the House measure. The view of some of the committee members was that relatively young officers and enlisted personnel should not be permitted to retire at half their base pay after 20 years' service. The original Hook proposal imposed age requirements and other restrictions on such retirements. The committee decided that the provisions were too complex and too far-reaching for summary consideration. Each of the Services has its own laws and procedures governing retirements under varying conditions. To make the statutes and policies uniform, without depriving individuals of rights and privileges acquired after many years of service, is a task that merits thorough and extended investigation. In view of the fact that most of the important retirement changes proposed by the Hook Commission would not become effective for five years, postponement of consideration could do no harm, and probably would be of material advantage in arriving at a satisfactory solution. Members of the Services deeply appreciate the deep interest taken by Senator Millard E. Tydings (D-Md.), Chairman of the Armed Services Committee, and his associates on the Committee for expediting action.

Data for Retired Personnel

Editor, ARMY AND NAVY JOURNAL:

As a comment upon the letter of Maj. Carroll T. Babain, USAFR, in a recent issue of the ARMY AND NAVY JOURNAL in which he states the need for a retired manual pertaining to enlisted men and officers, I should like to say that there is no such manual, but there is a volume which takes the place of one.

I refer to my recent book, "The Armed Forces as a Career," (Whittlesey House of McGraw-Hill, New York, N. Y.) which has chapters devoted to the retirement of enlisted men and officers in all the major services. The data is official and correct, and the reason I know there is no government manual along these lines is that I had a good deal of difficulty digging up all the facts about retirement myself when writing the book.

North Callahan,
Lt. Col., ORC-AUS

Retirement Change

Editor, ARMY AND NAVY JOURNAL:

I believe the new policy of retirement for Regular Army enlisted men who are now officers is a fine thing and I believe the ARMY AND NAVY JOURNAL cannot be given too much credit for following through, bringing it to the attention of the Department of the Army.

Capt., SC

Retirement Problem

Editor, ARMY AND NAVY JOURNAL:

Because your publication has always gone to bat for service people when obvious injustices are placed upon the military, I invite your attention to the following radio message which was published in the camp daily bulletin, this date.

Reenlistment in the first grade of officers and warrant officers:

The following TWX, TAGO, 16 May, 1949, is quoted for the information and guidance of all concerned:

"An off or WO who is sep'd on or after this date is not eligible for Enl in grade 1 solely on the basis of having been an off or AD on 22 Mar 48 unless he enlists the day fol sep. Unused lv will be carried over into enl status. Offs who rec lump sum pmt for unused lv will not be enl in grade 1. This does not affect eligibility for enl up Was Dept Pamphlet 12-16 nor the eligibility of offs who hold permanent warrants in grade 1 to ret to that grade at any future date. Special Regulations on this subj will be published in near future."

This places undue hardship on the enlisted men who held enlisted grade 1 temporary immediately prior to receiving a commission in the AUS, and who have continued on extended active duty since the date of that commission, while many other officers who never did attain that grade prior to being commissioned for various reasons, including the requesting of relief from active duty for the purpose of avoiding overseas duty in places like Korea and Okinawa, were enlisted in grade 1 and given a permanent warrant as the result of that enlistment and subsequently recalled to active duty as commissioned officers and are now protected by the statement contained in the above radio message that reads "nor the eligibility of offs who hold permanent warrants in grade 1 to ret to that grade at any future date." In addition to receiving permanent warrants many of those officers were afforded the opportunity of terminal leave promotions and terminal leave in the higher grade.

If your publication could do anything to bring this oversight to the attention of the powers-to-be you will have the sincere gratitude of the undersigned and the many others who fit the same situation.

Captain, AGD

Spirited Plea

Police Captain: "You are charged with habitual drunkenness. What plea do you make?"

Culprit: "Habitual thirst, sir."

—Perrin Pilot

Security Check

An old lady went to the teller's window and requested all her money. He patiently counted it out, and waited for her to recount it as she held up a long line of people. Finally, she shoved it back to him.

"It's all right, son. Take it back now. I just wanted to be sure it was all still here."

—Ft. Belvoir Castle

Down to Cases

All the gals tote cases,
Designed for making up their faces
I wish they had some other kind,
Designed for making up their minds.

—Lee Traveller

Knit Wit

Recruit: "Golly, honey, did you knit that sweater all by yourself?"

Sweet thing: "Yes, all but the hole you put your head through—that was there when I started."

—Sourdough Sentinel

In The Journal

One Year Ago

The bill for the revision of the system of military justice, including the creation of a separate "Judge Advocate General's Corps" with a separate promotion list was incorporated in the Selective Service bill as it was finally approved by Congress and signed by President Truman on 24 June.

10 Years Ago

The University of Wyoming conferred the honorary degree of Doctor of Laws on Rear Adm. Emory S. Land, USN, (Ret.), Chairman of the Maritime Commission and on Maj. Gen. Herbert J. Brees, commanding general of the Eighth Corps Area. Princeton University conferred the same degree on Maj. Gen. Frank R. McCoy, USA-Ret.

25 Years Ago

Extensive experiments are being made with appliances for the protection of aircraft from the shore stations of the Navy. It is believed through sounding appliances the approach of aircraft to a naval station can be detected and the aircraft located so as to make anti-aircraft guns effective.

50 Years Ago

The War Department has decided to adopt an automatic machine gun which has the advantage over the machine gun in greater directive facility due to the absence of a crank movement.

85 Years Ago

The President has signed a bill adding ten cents per day to the pay of soldiers, who will henceforth receive fifty-three and one-half cents per day more than is paid to the soldiers of any other nation. While the pay has been increased three dollars a month, the rations have been reduced to the schedule in use prior to the commencement of the present war. The estimated saving to the Government in the cost of rations and their transportation will more than balance the additional pay, although the "company savings" will be diminished.

ARMY

Secretary—Gordon Gray.
Assistant Secretary—Tracy S. Voorhees.
Chief of Staff—General Omar N. Bradley.

GENERAL OFFICERS

Maj Gen H J Casey, FBC, Tokyo, Japan, to Ohio River Div CIC, Cincinnati, Ohio.
Maj Gen A E Brown (Col, Inf), retired as Maj Gen.
Maj Gen D A Stroh, reverts to ret'd status.
Brig Gen C D Ryan, Cp Breckinridge, Ky, to Pa Mil Dist Second A, Harrisburg, Pa.

Appointments To be Maj Gen

Maj Gen J E Dahlquist (Brig Gen, USA).
To be Brig Gen

Brig Gen H F T Hoffman (Col, USA).
Brig Gen J H Collier (Col, USA).
Brig Gen R W Crichtlow, Jr. (Col, USA).
Brig Gen C B Terenbaugh (Col, USA).

Temporary Appointments To be Maj Gen

Brig Gen R D Duff, Brig Gen A P Fox.
Brig Gen T W Herren
To be Brig Gen

Col R P Shugg, FA Col F A Allen, Jr., Cav
Col S R Mickelsen, AAC

INFANTRY

Col H L Henkle, Wash, DC, to First A 1204th ASU NY-NJ Mil Dist, Ft Totten, NY.
Col A T McAnsh, Wash, DC, to 14th Inf Regt, Cp Carson, Colo.

Col W G Skelton, Ft McPherson, Ga, to 5403d ASU ROTC Univ of Wis, Madison, Wis.

Lt Col K E Young, Zanesville, Ohio, to Second A 2306th ASU Ohio Mil Dist, Marion, Ohio.

Lt Col J W Lockett, Chicago, Ill, to 5408th ASU ROTC, Knox College, Galesburg, Ill.

Lt Col H E Sandusky, Gary, Ind, to 5263d ASU Indiana Sr A Instr ORC, Ft Wayne, Ind.

Lt Col D B Patterson, Cp Chaffee, Ark, to 2d Armd Div, Cp Hood, Tex.

Lt Col R C Works, Ft Hamilton, NY, to 14th Regt CT, Cp Carson, Colo.

Lt Col J C White, Governors Is, NY, to First A 1108th ASU, Ft Adams, RI.

Maj W W Hogrefe, Wash, DC, to Stu Det Engr Sch, Engr Cen, Ft Belvoir, Va.

Maj W S Drysdale, Jr., Cp Kilmer, NJ, to Second A 2306th ASU Ohio Mil Dist, Zanesville, Ohio.

Maj G A Tunstall, Battle Creek, Mich, to Hq Fifth A, Chicago, Ill.

Maj A K Vincent, Ft Knox, Ky, to Second A 2164th ASU Sta Com, Ft Eustis, Va.

Maj V V Laughlin, Ft Benning, Ga, to Fourth A 4365th ASU Tex Mil Dist, Wichita Falls, Tex.

Maj O S Allen, Atlanta, Ga, to OC of AFF, Ft Monroe, Va.

Maj C J Canella, Ft Benning, Ga, to Sixth A 6002d ASU, San Francisco.

Maj J C Smith, Ft Williams, Me, to 9th Inf Div, Ft Dix, NJ.

Maj M E Jones, Cp Kilmer, NJ, to A Comd Joint Long Range Pr Gr, Banana River NAS, Cocoa, Fla.

Maj L M Young, Carlisle Bks, Pa, to Armd Forces Info Sch, Wash, DC.

Maj W W McCollom, Green Bay, Wis, to Fourth A 4304th ASU Okla Mil Dist, Oklahoma City, Okla.

Maj D P Gallagher, Richmond, Va, to Hq Fifth A, Chicago, Ill.

Capt J M Adair, Ft Ord, Calif, to 11th Abn Div, Cp Campbell, Ky.

Capt L P Lombardo, Monterey, Calif, to Det C 503d CIC, Second A, Ft Meade, Md.

Capt T D Pollard, Ft Bragg, NC, to Inf Sch, Ft Benning, Ga.

Capt C H Shea, Chicago, Ill, to CIA, Wash, DC.

Capt S M Crowell, Lafayette, La, to 4402d ASU La NG Inst Det, Natchitoches, La.

Capt D B Dorman, Kansas City, Mo, to 113th CIC Det Fifth A, Detroit, Mich.

Capt E H Hill, Cp Stoneman, Calif, to OC of S, Wash, DC.

Capt F D Pierce, New York, NY, to 9th Inf Div, Ft Dix, NJ.

Capt H J Stempin, Ft Benning, Ga, to A Comd Joint Long Range Pr Gr Banana River NAS, Cocoa, Fla.

Capt J E Barnett, Ft Lawson, Wash, to 5458th ASU ROTC Kemper Mil School, Booneville, Mo.

1st Lt N F Jackson, Jr, Ft Benning, Ga, to 2d Abn Div, Ft Bragg, NC.

1st Lt R A Geiger, Ft Jackson, SC, to 14th Inf Regt, Cp Carson, Colo.

1st Lt L B Arnold, Jr, Ft Benning, Ga, to Ord Dept Hq, Aberdeen Pr Gr, Md.

1st Lt Df A Barton, Ft Benning, Ga, to 772d MP Bn, Ft Knox, Ky.

1st Lt C W Lambert, Battle Creek, Mich, to 3d Inf Div, Ft Benning, Ga.

1st Lt T O Mahon, Annapolis, Md, to Stu Det Hq Second A, Univ of Philadelphia, Pa.

1st Lt Z R Williams, Jr, Ft Riley, Kans, to 2d Inf Div, Ft Lewis, Wash.

1st Lt M A Smith, Cp Campbell, Ky, to Stu Det MP Sch, Cp Gordon, Ga.

1st Lt A C Smith, Cp Carson, Colo, to Fifth A 5005th ASU Sta Com, Rocky Mt Arsenal, Denver, Colo.

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Charles L Melson, NavWarCol, Newport; to DesRon 20.

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Charles F Lynch (DC), NavMedMatOffice, Brooklyn; to BuMed.

Clark W Virtue (MC), NavHosp, MareIsland; to Staff, ComNavWestPac.

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J R Wergin, USAF, Wash, DC, to CAirC for dy w/CINCARB.

J D Dale, USAF, Maxwell AFB, Ala, to Fifth AF, FEAF.

R A Barrett, USAF, Wash, DC, to USAFE.
R T Simpson, USAF, Ft Bragg, NC, to dy sta at Birmingham, Ala, for dy as Air Instr, 106th Bomb Sq, Ala ANG.

MAJORS

D E Harmon, USAF, Wash, DC, to Hq & HQ Sq, AFTRC, Barksdale AFB, La.

S D Leffingwell, USAF, Wash, DC, to Hq & HQ Sq, Eighth AF, SAC, Carswell AFB, Tex.

R F Shafer, USAF, West Point, NY, to 1009th Sp Wps Sq, Hq Comd, USAF, Bolling AFB, DC.

H L Barton, Wash, DC, to 153d AC&W GP, 53d Ftr Wg, Pa ANG, Harrisburg, Pa.

O D Moore, Ord Ang, Olmsted AFB, Pa, to Pers Cen, Cp Kilmer, NJ.

R C Cheek, MSC, March AFB, Calif, to AAC.

T Drew, USAF, Wash, D, to 3605th Nav Tng Wg, AFTRC, Ellington AFB, Tex.

R J Green, USAF, Ft Benj Harrison, Ind, to dy sta at Chicago-Orchard Apt, Park Ridge, Ill for dy as Air Advisor, 158th AC & W GP, Ill ANG.

D R Ludeking, USAF, Wash, DC, to Hq & HQ Sq, 1100th AB GP, Hq Comd, USAF, Bolling AFB, DC.

CAPTAINS

J A Gifford, Wash, DC, to dy sta at Army Fin Sch, Goodfellow Blvd, St Louis, Mo.

(Please turn to Page 1239)

Army and Navy Journal

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MARINE CORPS

Commandant—General Clifton B. Cates.
Asst. Comdt.—Maj. Gen. Oliver P. Smith.

LIEUTENANT COLONELS

Robert S Howell, Off CNO, NavDept; to Nav Scol, NavIntell, NavResSta, Anacostia, DC. Owen A Chambers, ClinCPacFlt; to MCAS, Cherry Point. Barnette Robinson, TarAirConGru, PacFlt, San Diego; to MCAS, El Toro.

MAJORS

Norman A Miller, Jr, 4thMCRDist, Phila; to MCS, Quantico. Maurice L Appleton, Jr, HQMC, Wash, DC; to MCS, Quantico. Chester L Christenson, DP, San Fran; to WRD, San Fran. Gordon H West, DP San Fran; to ArmdForces PubInfoOff, Los Angeles. John R Bohnet, PhibForcePacFlt, Coronado, Calif; to MCAS, Cherry Point.

CAPTAINS

Richard W Sinclair, MCS, Quantico; to 1st MarDiv, Camp Pendleton, Calif. James A Harper, HqBn, HQMC, Wash, DC; to 4-14th Engr Co, USMC, MCRTC, Lynn, Mass. Clarence S Wick, MB, NB, Los Angeles; to 1stMAW, FMF, El Toro, Calif. Willard T Henry, MBNA, Jacksonville; to (Please turn to Page 1239)

COAST GUARD

Commandant—Admiral Joseph F. Farley.
Asst. Comdt.—Rear Adm. Merlin O'Neill.

CAPTAINS

Niels S Haugen, Ketchikan Base, to 17CGDO (Chief of Staff). Leon H Morine, HQ, (PMM), to 9CGDO (Chief of Staff).

COMMANDERS

Bret H. Brallier, Gresham, to Naval War College. Kenneth S Davis, McCulloch, to 2CGDO (Dist Aux Dir). Marius DeMartino, HQ, (CPP), to McCulloch (CO). John H Forney, 2CGDO, to Naval War College.

(Please turn to Next Page)

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Army Orders

(Continued from Preceding Page)

1st Lt A J Levesque, Ft Knox, Ky, to 7th Inf Regt, Ft Devens, Mass.
 1st Lt R Duke, Monroe, La, to Fourth A 4204th ASU USA and USAF Tri-State Regt Dist, Texarkana, Ark.
 1st Lt J A Solano, Ft Meade, Md, to 109th CIC Det Second A, Philadelphia, Pa.
 1st Lt C E Luckes, Ft Knox, Ky, to CIC Cen, Cp Holabird, Md.
 2d Lt H H Lamar, Ft Jackson, SC, to Stu Det Grd Gen Sch, Ft Riley, Kans.
 2d Lt W B Nachman, Ft Jackson, SC, to Stu Det Grd Gen Sch, Ft Riley, Kans.
 The following Inf officers are reld from station indicated and asgd to Stu Det A Lang Sch, Monterey, Calif:
 Capt P S Grant, Ft Benning, Ga.
 Capt E F Matthews, Ft Riley, Kans.
 Capt R W Quarles, Ft Devens, Mass.
 Capt D C Schaffer, Ft Devens, Mass.
 1st Lt C E Gaff, Ft Devens, Mass.
 1st Lt C P Bednarzyk, Ft Devens, Mass.
 1st Lt M H Campbell, Schenectady, NY.
 1st Lt R J Frasier, Ft Lewis, Wash.
 1st Lt W M Garrett, Ft Lewis, Wash.
 1st Lt W J Glunz, Ft Lewis, Wash.
 1st Lt F S Hoinski, Ft Ord, Calif.
 1st Lt P Kim, Ft Ord, Calif.
 1st Lt M L Larner, Ft Lewis, Wash.
 1st Lt W T Singleton, Ft Bragg, NC.
 2d Lt J P Depalma, Jr, Cp Gordon, Ga.
 2d Lt J Silbaugh, Ft Lewis, Wash.
 1st Lt D J Zapalski, Ft Bragg, NC.
 Capt J B Kwiatkowski, Ft Bragg, NC.
 2d Lt P E Zekan, Ft Bragg, NC.
 Capt E J Stewart, Ft Lewis, Wash.
 1st Lt R McElroy, Ft Lewis, Wash.
 1st Lt P N Pavia, Ft Lewis, Wash.
 1st Lt B R Vernon, Ft Lewis, Wash.
 1st Lt B R Armstrong, Ft Lewis, Wash.
 1st Lt E F Fletcher, Ft Lewis, Wash.
 1st Lt J Dragon, Ft Lewis, Wash.
 Col P D Ginder, San Francisco, Calif.
 Maj J A Potocki, Ft Bragg, NC.

The following Inf officers are reld from station indicated and asgd to Fourth A 4052d ASU AAA & GM Cen, Ft Bliss, Tex.
 2d Lt K T Taylor, Cp Chaffee, Ky.
 1st Lt F L Thies, Ft Hamilton, NY.
 2d Lt J C Moak, Ft Lewis, Wash.
 Capt C W Heath, Ft Lewis, Wash.

CAVALRY—

Lt Col B S Cairns, Norfolk, Va, to Comd and Gen Staff College, Ft Leavenworth, Kans.
 Lt Col J J Kennaley, Ft Hamilton, NY, to HQ Second A, Ft Meade, Md.
 Maj D D Taylor, Lowell, Mass, to First A 1202d ASU USA and USAF Regt Main Sta, Providence, RI.
 Maj K B Mason, Cp Chaffee, Ark, to Stu Det Armd Sch, Ft Knox, Ky.
 Maj A L Dibella, Cp Holabird, Md, to 301st CIC Det First A, Ft Jay, NY.
 Capt J D Carpenter, Ft Hamilton, NY, to 5213th ASU Sr A Instr Ind NG, Bedford, Ind.
 Capt W L Taylor, Stewart Fld, NY, to Stu Det HQ Fifth A, Univ of Mich, Ann Arbor, Mich.
 1st Lt F R Pagnotta, Cp Kilmer, NJ, to Ft Knox, Ky.
 1st Lt V H Newman, Cp Hood, Tex, to Stu Det HQ Second A, Univ of Va, Charlottesville, Va.
 1st Lt T O'Connor, Ft Dix, NJ, to Fourth A 4052d ASU AAA and GM Cen, Ft Bliss, Tex.
 1st Lt G O Nordmark, Ft Riley, Kans, to Stu Det A Lang Sch, Monterey, Calif.
 1st Lt C V Callaway, Wash, DC, to 3d Armd Cav Regt, Ft Meade, Md.
 2d Lt D R Nichols, Ft Riley, Kans, to CIC Cen, Cp Holabird, Md.
 2d Lt B C Bush, Ft Benning, Ga, to Stu Det Grd Cen, Ft Riley, Kans.
 2d Lt J S Lally, Jr, Ft Knox, Ky, to CIC Cen, Cp Holabird, Md.

FIELD ARTILLERY—

Lt Col H W Browning, Ft Sam Houston, Tex, to 909th FA Bn, Ft Benning, Ga.
 Lt Col D C Beck, Ft Hamilton, NY, to HQ Third A, Ft McPherson, Ga.
 Lt Col H O Welch, Bartlesville, Okla, to Fourth A 4304th ASU Okla Mil Dist, Miami, Okla.
 Maj L P Berwick, Springfield, Mass, to First A 1202d ASU Regt Det No 3, Boston A Base, Mass.
 Maj E L Long, Wayne, Ind, to 5263d ASU Ind Sr A Instr ORC, Anderson, Ind.
 Maj R S Duhart, Dayton, Ohio, to Second A 2306th ASU, Canton, Ohio.
 Capt W W Blackburn, Ft Lawton, Wash, to Fourth A 4051st ASU Stu Det Arty Sch, Ft Sill, Okla.
 Capt A E Vognild, Ft Lawton, Wash, to Fourth A 4051st ASU Stu Det Arty Sch, Ft Sill, Okla.
 Capt L C Jaris, Springfield, Mass, to First A 1202d ASU, Hartford Main Sta of Regt Det No 3, Hartford, Conn.
 Capt A J Vitullo, Ft Knox, Ky, to 2506th ASU Ohio NG Instr Det, Ft Hayes, Columbus, Ohio.
 Capt J M Pollin, Philadelphia, Pa, to USMA, West Point.
 Capt J H Cabaniss, Philadelphia, Pa, to USMA, West Point.
 Capt R L Brown, Ft Lewis, Wash, to 6606th

U. S. COAST GUARD

THE Coast Guard announced this week assignment of Comdr. Bret H. Braller and Comdr. John H. Forney to the Naval War College for training in strategy and tactics and logistics, respectively. Comdr. Joseph A. Bresnahan was assigned to the Armed Forces Staff College.

Other postgraduate training assignments are as follows:

Electronics Maintenance, NTC, Great Lakes: Lt. (jg) Roy K. Angell, Lt. (jg) David P. Bates, Jr., Lt. (jg) Ian E. Holland, Lt. (jg) James P. Stewart.

Applied Communications, PG School, Annapolis: Lt. Comdr. James A. Palmer, Lt. (jg) James H. B. Marton, Lt. (jg) David C. Walker.

Harvard Business Administration: Lt. Comdr. Robert W. Goehring.

Oceanography — Scripps Institution: Lt. (jg) Peter S. Branson, Lt. (jg) Robert P. Dinsmore.

Law—George Washington University: Lt. Comdr. Edward C. Allen, Jr., Lt. Comdr. Robert R. Russell, Lt. Comdr. Kingdrell N. Ayers, Lt. Comdr. Joe L. Horne.

Wharton School of Finance: Lt. Uriah H. Leach, Jr.

Vessel Operations

The Madrona has completed availability of approximately one month at the Coast Guard Yard, Curtis Bay, Md, and has returned to her permanent station at Portsmouth, Va. The Matacgora (WAVP 373) and Chincoteague (WAVP 375) were placed in commission this month at Charleston, S. C.

Chief Petty Officers

The following is a list of enlisted men who have been advanced to chief petty officer, effective 16 June.

Karl M. Ashby	Clarence McIntire
George C. Baker, Jr.	Frank H. Monty
Melvin K. Bell	Edward V. Pitta
Kenneth N. Black	Frank E. Rebmann
Norman P. Boyd	Andrew R. Rhude
Paul R. Cornell	Everett C. Schofield
Clifton Cuthrell	John H. Voight, Jr.
Royal C. Downey	Bennett L. Walker
Agapito Malan	R. E. Whitehurst
Joseph Mathvink	

Coast Guard Orders

(Continued from Preceding Page)

Douglas B. Henderson, Chautauqua, to Kukui (XO).
 William J. Lawrence, AirSta, Eliz City, NC, to AirSta, Traverse City, Mich (CO).
 Richard L Mellen, AirSta, Traverse City, Mich, to AirSta, Eliz City, NC (XO).
 Edwin J. Roland, 9CGDO, to Taney (CO).
 Fred J. Schelber, designated CO, Ketchikan Base.
 Aden C. Unger, Armed Forces Staff College, to Pontchartrain (CO).

LIEUTENANT COMMANDERS

Attilio DelPra, MerMarDetach, Naples, Italy, to MarInspOffice, Baltimore, Md.

ASU Mont MG, Helena, Mont.
 Capt D H Bateman, Ft Ord, Calif, to Stu Det A Lang Sch, Monterey, Calif.
 Capt R R Isaacs, Cp Hood, Tex, to Fourth A 4051st ASU The Arty Sch, Ft Sill, Okla.
 Capt C F Munro, Ft Sam Houston, Tex, to 520th CIC Det, Cp Hood, Tex.
 Capt W J Flexenhar, Ft Lewis, Wash, to Stu Det A Lang Sch, Monterey, Calif.
 1st Lt A J Maris, Ft Lewis, Wash, to Stu Det A Lang Sch, Monterey, Calif.
 1st Lt A K Kazovich, Ft Riley, Kans, to Stu Det A Lang Sch, Monterey, Calif.
 1st Lt R J Rogers, Detroit, Mich, to 113th CIC Det Fifth A, Battle Creek, Mich.
 1st Lt S A Fine, Cp Chaffee, Ark, to CIC Cen, Cp Holabird, Md.
 1st Lt W J Gerard, Ft Lewis, Wash, to Stu Det A Lang Sch, Monterey, Calif.
 1st Lt T H McBryde, Cp Campbell, Ky, to JAGC Stu Det HQ Second A, Univ of Va, Charlottesville, Va.
 2d Lt A L Loth, Jr, Ft Knox, Ky, to Stu Det Grd Gen Sch, Ft Riley, Kans.
 2d Lt A E Farbush, Cp Breckinridge, Ky, to 18th FA Bn, Ft Sill, Okla.
 2d Lt E E Moehlenkamp, Ft Riley, Kans, to 4th A 4052d ASU, AAA and GM Cen, Ft Bliss, Tex.

COAST ARTILLERY CORPS

Cpl H P Gard, Ft Dix, NJ, to First A 1204th ASU, NY-NJ Mil Dist, Ft Totten, NY.
 Lt Col S R Dows, Governors Is, NY, to First A 1108th ASU, Ft Adams, Newport, RI.
 Lt Col B H Johnson, Ft McPherson, Ga, to 6705th ASU Oregon ORC Instr Gp, Portland, Ore.
 Lt Col E A Rew, Ft Dix, NJ, to 1242d ASU Office of the Sr A Instr ORC, New York, NY.
 Lt Col L W Lindner, Governors Is, NY, to First A 1100th ASU New England Mil Dist Army Base, Boston, Mass.

Howard W. Schleiter, 13CGDO, to 17CGDO (Ch, CivEngSec).

LIEUTENANTS

Alvin N Fisher, AR&SB, Eliz City, NC, to HQ (EAE).

Herman W Klotz, 1CGDO, to MerMarDet, Antwerp, Belgium, (Merchant Marine Detall Officer).

Hubert McGee, AirSta, Miami, Fla, to AirSta, San Francisco, Calif.

Charles F Overstreet, HQ, (EAE), to AR&SB, Eliz City, NC.

Edward D Scheiderer, Academy, to Yocona (XO).

Arthur H. Sheppard, Ivy, to Mocoma.

LIEUTENANTS (JG)

John M Austin, Mackinaw, to Woodbine (XO).

William D Ball, Jr, Castle Rock, to Academy. John B Hayes, Mistletoe, to Chincoteague.

Frederick W Hermes, Jr, Woodbine, to 9CGDO.

Bruce H Jensen, SCGDO, to Matacgora.

Hugh J LeBlanc, Mocoma, to 7CGDO.

Robert N Rea, HQ, (HA), to Academy.

John B Saunders, Jr, Sagebrush, to 7CGDO.

Sverre E Vikanas, Sweetgum, to Papaw.

John L Wright, Kukui, to 12CGDO.

ENSIGNS

Joseph C Dorsey, Ingham, to Absecon.

Robert A Duin, Yakutat, to Coos Bay.

WARRANT OFFICERS

Floyd Bieri, AirSta, Brooklyn, NY, to Campbell.

CPCl Raymond A Fraley, Campbell, to Sup Dep, Jersey City, NJ.

CPCl Floyd J. Jester, HQ, (F), to Mocoma.

Boss Bernard P Clarke, LS-92, to White Holly (OinC) cancelled.

Boss Emil A Clausen, Ivy, to Brier (OinC).

Boss Lauren L Croy, LC-113, to Coos Bay LBSta (OinC).

Boss Homer M Dean, orders to LS-92 cancelled; to LS-113 (OinC), in lieu thereof.

Boss Kenneth E Gibson, RecrSta, Pittsburgh, Pa, to Forsythia.

Boss Frank W Lewis, Walnut, to Basswood.

Boss Raymond T Rawls, Yakutat, to Acushnet.

Boss Gerald E Robinson, Acushnet, to Burnt Isl LBSta (OinC).

Boss Carl L Weaver, Unimak, to Legare.

Mach Jack B Mills, AirSta, Brooklyn, NY, to AR&SB, Eliz City, NC.

Mach Alva A Tate, appointment for temp service terminated effective 15 June, 1949 (own request).

Carp Quince Collis, AirSta, Traverse City, Mich, to AR&SB, Eliz City, NC.

CPCl Joseph E Acker, Kukui, to AirSta, Brooklyn, NY.

CPCl Joseph P. Kalin, Mocoma, to SupDep, Jersey City, NJ.

CPCl George M Olson, SupDep, Jersey City, NJ, to Kukui.

ORDERED HOME

The following officers have been ordered home pending retirement for physical disability:

Lt (jg) Cleon E Shupe.

Chief Boatswain Elroy B Dunphy.

Boatswain Johan R Green.

Lt Col S A Brown, Ft Dix, NJ, to 2506th ASU Ohio NG, Columbus, Ohio.

Lt Col P I Baker, Ft Wright, NY, to 1272d ASU Office of the Sr NG Instr, New York, NY.

Maj S A Roberts, Ft McPherson, Ga, to 3216th ASU ROTC Ga Sch of Tech, Atlanta, Ga.

Maj A D Epley, Annapolis, Md, to Stu Det HQ Second A, Univ of Pa, Philadelphia, Pa.

Maj P M Pafford, Ft Jackson, SC, to 1283d ASU ROTC Fordham Univ, New York, NY.

Maj C W Johnson, Cp Gordon, Ga, to Third A 3340th ASU, Georgia Mil Dist, Atlanta, Ga.

Maj K L Boggs, Montpelier, Vt, to First A 1202d ASU, Burlington, Vt.

Capt H T Wickert, Ft Monroe, Va, to Fourth A 4051st ASU Stu Det Arty Sch, Ft Sill, Okla.

Capt L A Spence, Worcester, Mass, to First A 1202d ASU New Haven Regt Main Sta of Det No 3, New Haven, Conn.

1st Lt P J Canellow, Ft Bragg, NC, to Stu Det A Lang Sch, Monterey, Calif.

1st Lt G A Smith, Phoenixville, Pa, to CIC Cen, Cp Holabird, Md.

The following CAC officers are reld from station indicated and asgd to Fourth A 4052d ASU AAA and GM Cen, Ft Bliss, Tex:

1st Lt E A Lindgren, Cp Hood, Tex.

Capt J L Smith, Jr, Ft Sill, Okla.

1st Lt R W Noakes, Cp Stoneman, Calif.

Capt K I Perrine, Ft Mason, Calif.

Capt L J Fordyce, Cp Hood, Tex.

1st Lt P H Osborn, Ft Lewis, Wash.

Capt G W Smith, Ft Lawton, Wash.

Capt H J Jacobs, Cp Kilmer, NJ.

CORPS OF ENGINEERS—

Maj Gen Lewis A Pick, C of E

Lt Col H G Gerdes, Ft Belvoir, Va, to South Pacific Div CE, Sacramento, Calif.

Lt Col R W Love, Nashville, Tenn, to Second A 2212th ASU Letterkenny Ord Depot,

Chambersburg, Pa.

Lt Col W C Huber, Ft Sheridan, Ill, to Fifth A 5010th ASU Sta Com, Ft Custer, Mich.

Lt Col V A Shurm, Ft Leavenworth, Kans, to 2225th AFORD, Cp Kilmer, NJ.

Maj C G Hirsch, Cp Holabird, Md, to 109th CIC Det Second A, Cleveland, Ohio.

Maj E M Wright, Mount Morris, NY, to Great Lakes Div CE, Buffalo, NY.

Maj P Mason, Ft Belvoir, Va, to NOPE, New Orleans, La.

Maj D L Grider, Ft Ord, Calif, to Sixth A 6913th ASU Utah Gen Dep, Ogden, Utah.

Maj C B Tenhagen, Ft Devens, Mass, to Stu Det Engr Sch, Ft Belvoir, Va.

Maj J K Muller, Wash, DC, to Great Lakes Div CE, Chicago, Ill.

Capt H H Howard, Ft Belvoir, Va, to Second A 2151st ASU Aberdeen Pr Gr, Md.

Capt H A Benton, Ft Bragg, NC, to Stu Det A Lang Sch, Monterey, Calif.

Capt C J Copmann, Jr, Wash, DC, to Stu Det Engr Sch, Ft Belvoir, Va.

Capt B Harvey, Jr, Ft Belvoir, Va, to MDW, 7011th ASU, Ft Myer, Va.

Capt J E Brown, Decatur, Ill, to 5252d ASU III Sr A Instr ORC, Bridgeport, Ill.

Capt G A Ragusin, Ft Bragg, NC, to Stu Det A Lang Sch, Monterey, Calif.

Capt D H Wagner, Ft Belvoir, Va, to Stu Det A Lang Sch, Monterey, Calif.

Capt W C Preusker, Ft Belvoir, Va, to Stu Det A Lang Sch, Monterey, Calif.

Capt A D Gittelson, Trenton, NJ, to Stu Det A Lang Sch, Monterey, Calif.

Capt A M Clegg, Ft Belvoir, Va, to Stu Det A Lang Sch, Monterey, Calif.

Capt J C Currie, Governors Is, to The Engg Cen, Ft Belvoir, Va.

1st Lt K R Zablackas, Ft Lewis, Wash, to Stu Det A Lang Sch, Monterey, Calif.

1st Lt W M Nichols, Atlanta, Ga, to Stu Det HQ First A, Cambridge, Mass.

1st Lt W L Lamm, Ft Monroe, Va, to 536th Engr Maint Co, Ft Bragg, NC.

1st Lt E D McLaughlin, Ft Benning, Ga, to First A 1109th ASU HQ and Hq Det HD of Li 707, Ft Wright, NY.

1st Lt M F Aliotta, Ft Belvoir, Va, to 5441st ASU ROTC, Univ of Minn, Minneapolis, Minn.

1st Lt R R Rambur, Cp Campbell, Ky, to Stu Det A Lang Sch, Monterey, Calif.

1st Lt W E Hull, Ft Lewis, Wash, to the Engg Cen, Ft Belvoir, Va.

1st Lt R S Wilson, Cp Campbell, Ky, to 42d Engr Co, Ft Bragg, NC.

1st Lt T J Nichols, Ft Devens, Mass, to Stu Det HQ Fifth A, Univ of Mich, Ann Arbor, Mich.

1st Lt A S Wojciech, Ft Devens, Mass, to Stu Det A Lang Sch, Monterey, Calif.

2d Lt W F Marciniak, Ft Belvoir, Va, to 2225th AFORD, Cp Kilmer, NJ.

2d Lt G W Medsger, Ft Belvoir, Va, to 2225th AFORD, Cp Kilmer, NJ.

SIGNAL CORPS—

Maj Gen Spencer B Akin, CSO

Maj L M Reiser, Ft Leavenworth, Kans, to HQ Ft Monmouth, NJ.

Capt G W Murch, Philadelphia, Pa, to Sig C Proc Agency, Chicago, Ill.

Capt G B Sterling, Cp Gordon, Ga, to Sig Sec Atlanta Gen Depot, Atlanta, Ga.

Capt G M Vinquist, Ft Monmouth, NJ, to Dept of the Navy, Staff Comd Amph Tng Comd, Little Creek, Va.

Army Orders

(Continued from Preceding Page)

QUARTERMASTER CORPS

Maj Gen H Feldman, QMG

Col D S McConaughy, Governors Is, NY, to 9140th TSU Atlanta Gen Dep, Atlanta, GA.
 Lt Col W T Blacklock, Chicago, Ill, to 9161st TSU Det No 31, San Francisco, Calif.
 Maj W W Wheeler, San Francisco, Calif, to 9150th TSU Columbus Gen Dep USA, Columbus, Ohio.
 Maj C E Ray, Cp Lee, Va, to Second A 211th ASU, Cp Holabird, Md.
 Maj T Karter, Chicago, Ill, to 9160th TSU Det No 2 Western Br Chicago Purchg Office, Oakland, Calif.
 Maj J D Clayton, Brooklyn, NY, to HQ Second A, Baltimore, Md.
 Maj E B Zaremba, Chicago, Ill, to 9161st TSU Det No 22, New York, NY.
 Capt J Trutor, Ft Sam Houston, Tex, to Stu Det QM Sch, Cp Lee, Va.
 Capt C E Hadlow, Wash, DC, to HQ Third A, Ft McPherson, Ga.
 Capt H E Jagow, Wash, DC, to MDW 7011th ASU, Ft Myer, Va.
 Capt E W Kirby, Des Moines, Iowa, to 3247th ASU ROTC Clemson Agricultural College, Clemson, SC.
 Capt R E Giff, Fairfield, Calif, to Stu Det QM Sch, Cp Lee, Va.
 Capt G M Calvert, Cp Lee, Va, to 1281st ASU ROTC, Cornell Univ, Ithaca, NY.
 Capt H F Garrett, Mobile, Ala, to Stu Det Lang Sch, Monterey, Calif.
 Capt R E Maloy, Hartford, Conn, to First A 1362d ASU A Med Center, Ft Totten, NY.
 1st Lt J R Nolan, Wash, DC, to Stu Det QM Sch, QM Pet Lab, Caven Point, NJ.
 1st Lt J M Forester, Cp Lee, Va, to MDW 7071st ASU, Ft Belvoir, Va.
 1st Lt E J Oglesby, Jr, Ft Benning, Ga, to QM Cen, Cp Lee, Va.
 1st Lt R F Antignat, Wash, DC, to USAFI, Madison, Wis.
 2d Lt W King, Jr, Chicago, Ill, to Stu Det QM Sch, Cp Lee, Va.

FINANCE DEPARTMENT

Maj Gen E M Foster, C of F

Lt Col O C Culbreth, Wash, DC, to Philadelphia Regt Office A Aud Agy, Philadelphia, Pa.
 Lt Col H R Wallar, Los Angeles, Calif, to Stu Det AFS OCF, St Louis, Mo.
 Lt Col G W Porter, Ft McPherson, Ga, to Stu Det AFS AFC OCF, St Louis, Mo.
 Maj R A Metzger, San Francisco, Calif, to Sixth A 6004th ASU, Ft MacArthur, Calif.
 Maj G F True, Wash, DC, to Stu Det A Fin Cen OCF, St Louis, Mo.
 Capt F L Orr, Ft MacArthur, Calif, to 104th Fin Disab Sec OCF, Ft Belvoir, Va.
 Capt J S Robinson, Ft Dix, NJ, to First A 110th ASU, Ft Williams, Me.
 Capt Z Hough, Cp Stoneman, Calif, to Staff and Faculty A Lang Sch, Monterey, Calif.
 Capt R Perkins, Ft Worth, Tex, to Ogden FOCUSA, Ogden, Utah.
 1st Lt R T Mort, Ft Belvoir, Va, to Third A 320th ASU, Ft Bragg, NC.
 1st Lt F H Tryon, Ft Williams, Me, to Stu Det AFS AFC OCF, St Louis, Mo.

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1st Lt R M Hutchings, St Louis, Mo, to First A 1310th ASU Picatinny Ars, Dover, NJ.

MEDICAL DEPARTMENT

Maj Gen R W Bliss, SG

Medical Corps

Col C S Mudgett, Wash, DC, to Third A Oliver GH, Augusta, Ga.
 Lt Col P Harney, Pasadena, Calif, to HQ Sixth A, Presidio of San Francisco, Calif.
 Lt Col C W Hoffman, Jr, Ft Dix, NJ, to Murphy GH, Waltham, Mass.
 Lt Col H C Harrell, Hot Springs Natl Pk, Ark, to Fitzsimons GH, Denver, Colo.
 Lt Col F F Vigilone, Denver, Colo, to US Naval Hosp, St Albans, LI, NY.
 Lt Col R D Maxwell, Berkeley, Calif, to AMC, Wash, DC.
 Maj G M McDonnell, Rochester, NY, to SGO, Wash, DC.
 Maj J L Bradley, Ft Lewis, Wash, to 7016th ASU ROTC Georgetown Sch of Med, Wash, DC.
 Maj G F Fisher, Ft Sam Houston, Tex, to Fifth A 14th Inf Regt, Cp Carson, Colo.
 Maj J Rizzolo, New Orleans, La, to HQ and HQ Sq Hq USAF SGO, Wash, DC.
 Maj R J Brightwell, Wash, DC, to 5473d ASU ROTC Univ of Colo Sch of Med, Boulder, Colo.
 Maj D S Myers, St Louis, Mo, to Stu Det

Hq First A, Harvard Univ, Boston, Mass.

Maj W N Jensen, San Francisco, Calif, to 3380th Sta Med Sq Keesler AFB, Miss.

Capt A R McClary, Ft Ord, Calif, to MDW 7071st ASU Med Activities, Ft Belvoir, Va.

Capt J R McLellan, Wash, DC, to 279th GH, 5021st ASU Sta Hosp, Ft Riley, Kans.

Capt R T Barry, Cp Stoneman, Calif, to MDW 7011th ASU Med Activities, Ft Myer, Va.

Capt J C Broadbent, Pasadena, Calif, to US Naval Hosp, Long Beach, Calif.

Capt M J Talbert, Pasadena, Calif, to US Naval Hosp, Long Beach, Calif.

Capt C W Pierce, Ft Totten, NY, to First A 1224th ASU Gen Disp, New York, NY.

Capt D W S Stiff, Burlington, Vt, to Stu Det

Hq First A, Mass GH, Boston, Mass.

Capt L B Brant, A Cm Cen, Md, to Stu Det

Hq Second A, Univ of Cincinnati, Cincinnati, Ohio.

Capt C B Beal, MacDill AFB, Fla, to Murphy GH, Waltham, Mass.

Capt C P Artz, Wash, DC, to Stu Det Brooke GH, Ft Sam Houston, Tex.

Capt V P Arkin, Cp Stoneman, Calif, to Sixth Army 6103d ASU Branch USA Disciplinary Bks, Cp Cooke, Calif.

Capt C B Conklin, Ft Dix, NJ, to Stu Det

AMC, Wash, DC.

Capt E B Liddle, Chicago, Ill, to Fitzsimons GH, Denver, Colo.

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June 25, 1949

Capt R E Clark, Pasadena, Calif, to Madigan GH, Ft Lewis, Wash.

Capt T J Whelan, Ft Totten, NY, to Stu Det HQ First A, Strong Memorial Hosp, Rochester, NY.

Capt J D Caskie, Schenectady, NY, to Murphy GH, Waltham, Mass.

Capt R J Domian, Wash, DC, to Valley Forge GH, Phoenixville, Pa.

Capt B L Abberger, Jr, Cp Stoneman, Calif, to Third A 3440th ASU Sta Hosp, Ft Benning, Ga.

Capt J G Wood, Jr, Wash, DC, to Stu Det

Hq First A, Mass GH, Boston, Mass.

Capt W H Harper, Jr, Cp Kilmer, NJ, to Army and Navy GH, Hot Springs Natl Pk, Ark.

1st Lt G K Palms, Pasadena, Calif, to Army and Navy GH, Hot Springs Natl Pk, Ark.

1st Lt C W Denison, Cincinnati, Ohio, to Fifth A Sta Hosp, Ft Riley, Kans.

1st Lt C E Ward, Ft Hamilton, NY, to Dept of the Navy, US Naval Hosp, St Albans, LI, NY.

1st Lt D T Mintz, Wash, DC, to First A Area Med Lab, New York, NY.

1st Lt W F Cresswell, Jr, Wash, DC, to Third

(Please turn to Next Page)

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(Continued from Preceding Page)

A 340th ASU Sta Med, Ft Benning, Ga.
1st Lt M Lindig, Jr, Ft Sam Houston, Tex., to Stu Det Letterman GH, San Francisco, Calif.
1st Lt W Hausman, Worcester, Mass., to Stu Det Hq Second A, Institute of Pa Hosp, Philadelphia, Pa.
1st Lt J K Leach, Lakewood, Ohio, to Stu Det Hq Second A, Aultman Hosp, Canton, Ohio.

Dental Corps

Maj Gen T L Smith, Asst to SG

Lt Col J B Caldwell, Denver, Colo., to Stu Det Hq Second A, Univ of Pa, Philadelphia, Pa.

Maj D C Hazard, to Stu Det Hq Fifth A, Univ of Ill, Urbana, Ill.

Maj B L Fenster, Ft Jackson, SC, to Stu Det Hq Second A, Univ of Pa, Philadelphia, Pa.

1st Lt C Jaslow, Ann Arbor, Mich., to Stu Det Valley Forge GH, Phoenixville, Pa.

1st Lt L D Adams, Indianapolis, Ind., to 3380th Sta Med Sq Keesler AFB, Miss.

1st Lt W A Meikle, Columbus, Ohio, to Stu Det Percy Jones GH, Battle Creek, Mich.

1st Lt J W Wilholt, Los Angeles, Calif., to 2d Sta Med Gp, McChord AFB, Tacoma, Wash.

1st Lt J L Shomo, Wash, DC, to Stu Det Brooke GH, Ft Sam Houston, Tex.

1st Lt J F Mack, Wash, to 1100th Sta Med Gp Bolling AFB, DC.

1st Lt T W Brehm, Columbus, Ohio, to Stu Det AMC, Wash, DC.

1st Lt E Koski, Portland, Ore., to Sixth A 600th ASU, Ft Worden, Wash.

1st Lt E A Carbonaro, Philadelphia, Pa., to Stu Det AMC, Wash, DC.

1st Lt M Sperber, Philadelphia, Pa., to 31st Sta Med Gp, Turner AFB, Ga.

1st Lt R W Scopp, Philadelphia, Pa., to 3204th Sta Med Gp, Eglin AFB, Fla.

1st Lt S T Uchiyama, Portland, Ore., to Sixth A 600th ASU, Ft Lewis, Wash.

1st Lt B Weisman, New York, NY, to Stu Det Valley Forge GH, Phoenixville, Pa.

1st Lt G A Krikos, Philadelphia, Pa., to Stu Det Percy Jones GH, Battle Creek, Mich.

1st Lt G Feldman, Philadelphia, Pa., to USAF 106th Air Base Wing Andrews AFB, DC.

1st Lt L E Straub, Chicago, Ill., to Sixth A 600th ASU, Ft Lewis, Wash.

1st Lt W S Kirk, Chicago, Ill., to 3810th Sta Med Gp, Maxwell AFB, Ala.

The following DC officers are reld from Minneapolis, Minn., and asgd to station indicated:

1st Lt R F Campion, to Stu Det Brooke GH, Ft Sam Houston, Tex.

1st Lt B J Greany, to Stu Det Madigan GH, Ft Lewis, Wash.

1st Lt F B Knutson, to Stu Det Fitzsimons GH, Denver, Colo.

1st Lt D A Norris, to Fourth A 4011th ASU Sta Med, Ft Sill, Okla.

1st Lt R H West, to Stu Det Percy Jones GH, Battle Creek, Mich.

The following DC officers are reld from Ft Sam Houston, Tex., and asgd to station indicated:

1st Lt R L Smith, to 2794th Base Med Comd, Kelly AFB, Tex.

1st Lt H E Buttry, to Fourth A 4001st ASU, Ft Bliss, Tex.

1st Lt W A Scott, to 3700th Sta Med Sq Lackland AFB, Tex.

1st Lt L E Knight, to Stu Det Madigan GH, Ft Lewis, Wash.

1st Lt J C Redfern, to Fourth A 4005th ASU Sta Med, Cp Hood, Tex.

The following DC officers are reld from Louisville, Ky., and asgd to station indicated:

1st Lt J W Cofer, to Sixth A 6006th ASU, Ft Lewis, Wash.

1st Lt F F Foxx, to Fourth A 4005th ASU, Cp Hood, Tex.

1st Lt B J Nielander, to Fourth A 4001st ASU, Ft Bliss, Tex.

1st Lt E Jones, to Fourth A 4011th ASU, Ft Sill, Okla.

1st Lt C M Smith, to Army and Navy GH, Hot Springs Natl Park, Ark.

1st Lt W C Schlegel, to Sixth A 6006th ASU, Ft Lewis, Wash.

1st Lt R A Doane, to Third A 3431st ASU, Ft Jackson, SC.

1st Lt A L Millbourne, to 3204th Sta Med Gp Eglin AFB, Fla.

1st Lt R C Snowden, to Stu Det, Fitzsimons GH, Denver, Colo.

Army Medical Service Corps—

Cpl Othmar F Gorup, Chief

Lt Col E F Pierce, Ft Dix, NJ, to 1242d ASU Office of the Sr A Instr ORC, New York, NY.

Lt Col F R Day, Ft Monroe, Va., to Dept of Navy, US Naval Hosp, Portsmouth, Va.

Maj P J Buckler, Bethesda, Md., to AMC, Wash, DC.

Maj W J Vogtlander, Wash, DC, to 2583d Sta Med Sq Orlando AFB, Fla.

Maj H Moore, Pittsburgh, Pa., to Sixth A 6103d ASU Br USDB, Cp Cooke, Calif.

Maj G F McCleary, Battle Creek, Mich., to Stu Det Hq Fifth A, Northwestern Univ, Chicago, Ill.

Capt W W Furr, Fairfield, Calif., to 3380th Sta Med Sq, Keesler AFB, Miss.

Capt T S Coleman, Ft Mason, Calif., to Brooke AMC, Ft Sam Houston, Tex.
Capt J R Chamberlain, Ft Dix, NJ, to First A 1300th ASU Sta Hosp, Naval Hosp, St Albans, Li, NY.

Capt L H Wimberly, Pasadena, Calif., to Madigan GH, Ft Lewis, Wash.

Capt S C Allison, Maxwell AFB, Ala., to Third A Sta Hosp, Ft Benning, Ga.

Capt H W Riddle, Pasadena, Calif., to US Naval Hosp, Long Beach, Calif.

Capt L T Rose, Pasadena, Calif., to US Naval Hosp, Corona, Calif.

Capt L O Boatright, San Antonio, Tex., to Brooke AMC, Ft Sam Houston, Tex.

Capt J B Miller, Monterey, Calif., to Letterman GH, Presidio of San Francisco, Calif.

Capt P L DeBolt, Ft Meade, Md., to Second A 2101st ASU Sta Hosp, Ft Eustis, Va.

Capt L B Shepler, Ft Hamilton, NY, to 1242d ASU Office of the Sr A Instr ORC, Kearny, NJ.

1st Lt C S Chin, Brooklyn, NY, to Stu Det A Lang Sch, Monterey, Calif.

1st Lt G M Davis, Ft Sam Houston, Tex., to Second A 2101st ASU Sta Hosp, Ft Meade, Md.

2d Lt E M Baker, Ft Benning, Ga., to A Med Dept Research and Graduate Sch, Wash, DC.

Women's Medical Specialist Corps—

Cpl Emma E Vogel, Chief

Capt E Carloss, Ft Bliss, Tex., to Fitzsimons GH, Denver, Colo.

1st Lt D E Fisher, Ft Sam Houston, Tex., to 10th Sta Hosp Madigan GH, Ft Lewis, Wash.

Army Nurse Corps—

Cpl Mary G Phillips, Chief

Maj N Newell, Ft Bliss, Tex., to Percy Jones GH, Battle Creek, Mich.

Maj I Haynes, Governors Is, NY, to SGO, Wash, DC.

Capt E Holstein, Ft Hamilton, NY, to First A 1225th ASU, Sta Med Det, Ft Hancock, NJ.

Capt C Bentley, Cp Kilmer, NJ, to First A 1106th ASU Sta Med Det, Ft Banks, Mass.

1st Lt G J Favors, Ft Sam Houston, Tex., to Letterman GH, San Francisco, Calif.

1st Lt A P Wilkison, Cp Kilmer, NJ, to First A 1225th ASU, Ft Hancock, NJ.

1st Lt M J Culver, Ft Dix, NJ, to Dept of the Navy, Naval Hosp, St Albans, Li, NY.

1st Lt F G Hoehn, Phoenixville, Pa., to Third A Sta Hosp, Ft Bragg, NC.

1st Lt L Pennington, McCormack GH, Pasadena, Calif., to Third A 3404th ASU Sta Hosp, Ft Benning, Ga.

1st Lt M D Butcher, Battle Creek, Mich., to 43d Sta Med Gp, Davis-Monthan AFB, Ariz.

1st Lt E Hall, Pasadena, Calif., to US Naval Hosp, Long Beach, Calif.

1st Lt E Williams, Pasadena, Calif., to US Naval Hosp, Corona, Calif.

1st Lt S E Long, Hot Springs Natl Park, Ark., to Valley Forge GH, Phoenixville, Pa.

1st Lt J A Foss, Pasadena, Calif., to US Naval Hosp, Long Beach, Calif.

1st Lt M A Delp, Pasadena, Calif., to US Naval Hosp, Corona, Calif.

1st Lt E Thorpe, Pasadena, Calif., to US Naval Hosp, Corona, Calif.

1st Lt D R Whitaker, Pasadena, Calif., to US Naval Hosp, Long Beach, Calif.

1st Lt E Koziol, Pasadena, Calif., to US Naval Hosp, Corona, Calif.

1st Lt R Philling, Ft Meade, Md., to 109th CIC Det Second A, Louisville, Ky.

1st Lt D C Duellman, Pasadena, Calif., to US Naval Hosp, Corona, Calif.

2d Lt C Quinlan, Cp Kilmer, NJ, to First A 1106th ASU Sta Med Det, Ft Banks, Mass.

ORDNANCE DEPARTMENT—

Maj Gen E S Hughes, C of O

Col G E Elliott, San Francisco, Calif., to Pueblo Ord Depot, Pueblo, Colo.

Col M M Serren, San Francisco, Calif., to Red River Aars, Texarkana, Tex.

1st Lt S Weiss, Anniston, Ala., to HQ Sixth A, San Francisco, Calif.

Maj A. Bauman, Cleveland, Ohio, to 4th Ord BN, Ft Knox, Ky.

Maj E F Dobkins, New Cumberland, Pa., to Second A 3118th ASU, Cp Campbell, Ky.

Capt J V Lester, Ft Hamilton, NY, to Holston Ord Works, Kingsport, Tenn.

Capt C H Kaufman, Ft Hamilton, NY, to Second A 2232d ASU, New Cumberland, Pa.

Capt J R Bond, Raleigh, NC, to Rochester Ord Dist, Schenectady, NY.

1st Lt H N Sowers, Ft Benning, Ga., to Stu Det A Lang Sch, Monterey, Calif.

1st Lt J D Clavio, Cp Hood, Tex., to Stu Det A Lang Sch, Monterey, Calif.

CHEMICAL CORPS—

Maj Gen A H Walitt, C of Cml C

Lt Col N A Menard, Wash, DC, to Stu Det Air War College, Maxwell AFB, Ala.

Lt Col R C Morris, San Antonio, Tex., to Cml Sec, New Cumberland Gen Dep, Pa.

Maj W A Cowne, Huntsville, Ala., to Western Cml Cen, Tooele, Utah.

Capt T S McKeever, Huntsville, Ala., to HQ A Cml Cen, Med.

Capt M K Tobey, Huntsville, Md., to HQ A Cml Cen, Md.

Capt T L Entelis, Governors Island, NY, to 1242d ASU Office of the Sr A Instr, New York, NY.

Capt H L Davis, Jr, A Cml Cen, Md., to Cp

Detroit, Md.

1st Lt W H Melvin, Huntsville, Ala., to Tech Escort Det, Army Cml Cen, Md.

CHAPLAINS CORPS—

Maj Gen L D Miller, C of Ch

Col J S Kelly, Ft Sam Houston, Tex., to Det HQ MDW, Wash, DC.

Maj A V Murray, Pasadena, Calif., to First A Det 113th ASU Murphy GH, Waltham, Mass.

Capt O E Scott, Ft Knox, Ky., to Stu Det HQ First A, New York, NY.

Capt V Vaskis, Ft Hamilton, NY, to Third A 3441st ASU Sta Com, Ft Jackson, SC.

1st Lt T A Murphy, Ft Sam Houston, Tex., to 8d Abn Div, Ft Bragg, NC.

1st Lt J W Conner, Waltham, Mass., to 5th Inf Div, Ft Jackson, SC.

TRANSPORTATION CORPS—

Maj Gen Frank A Helleman, C of T

Col M James, Cp Stoneman, Calif., to SFPE, Ft Mason, Calif.

1st Lt G M Davis, Ft Sam Houston, Tex., to 6402d ASU ROTC, Univ of Ill, Urbana, Ill.

1st Lt W B Bunker, Wash, DC, to Stu Det HQ Second A, Pa Railroad Co, Philadelphia, Pa.

Lt Col L A Humphreys, Field Artillery—1st Lt L A Humphreys.

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Signal Corps—1st Lt P G Stuckart.

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Dental Corps—1st Lt L L Weinberg.

Ordnance Department—1st Lt L J Brader.

Army Nurse Corps—1st Lt M C McLaughlin.

Quartermaster Corps—Capt J A Schweng, Col P Jordan.

Cavalry—1st Lt K M Cummings, 1st Lt R W McMullen, Maj U L R Bell, 1st Lt W P City.

Capt O D Buck, 1st Lt N F Fahey, 1st Lt B C Marshall, Capt W C McCollister, Capt H A Siegel, Capt G T Sliger, 1st Lt F P Theus, Jr.

(Continued on Next Page)

Army Orders

(Continued from Preceding Page)

To EUCOM, Frankfurt, Germany

Signal Corps—1st Lt R F Comstack, Maj C W Helland, 1st Lt P D Baker, 1st Lt P W Basie.

Corps of Engineers—Maj D V Janin.

Infantry—Capt A L Millican.

To TRUST

Infantry—1st Lt C H Jamison, 1st Lt J J Miles, Capt H H Knight, 2d Lt C B Hadens.

Transportation Corps—Capt S O'Dell.

Medical Service Corps—Capt J G Walker.

Warrant Officers (Jg)—F V Smith.

To Athens, Greece

Signal Corps—Maj R G Winckler, Maj W A Muir.

To London, England

Quartermaster Corps—Lt Col B G Beggs.

To Antilles, San Juan, PR

Field Artillery—Lt Col W W Whalchel, Lt Col H L Miller.

Coast Artillery Corps—Maj H D Tubb.

Dental Corps—1st Lt R R Perez-Balmac.

Quartermaster Corps—Capt J C Ico.

To Caribbean, Quarry Heights, CZ

Infantry—Maj W L Bart, Capt C H Moore, Jr., Col E M Zehner, Capt H W Hankel.

Judge Advocate General's Corps—1st Lt W O Gilbreath.

Finance Department—Capt W H Fischer.

To Ft Richardson, Alaska

Coast Artillery Corps—Maj J B Clark, Capt J E Daniels, 1st Lt C G Rainbeault, Lt Col G V Underwood, Jr.

Transportation Corps—Lt Col H C Brindle, Capt T A Cumble, Maj G O Jacobs, Capt C W James.

Adjutant General's Department—1st Lt W H Hinds, Capt A L Scott.

Finance Department—Lt Col H B Wetherbie.

Ordnance Department—Capt J P Rigg.

Warrant Officers (Jg)—S. Kristansen.

RESIGNED

Capt B J Hendrick, CIE.

Capt J H Carruth, Inf.

Major L A Osborn, VC.

1st Lt J R Benton, Inf.

RETIRED

Col H Hutchings, Jr., CIE, pd—advanced to Brig Gen.

Col L R Forney, GSC.

Col G M Badger, CAC, upon own appl—advanced to Brig Gen.

Col L D Flory, CAC, upon own appl—advanced to Brig Gen.

Lt Col E H Ferris, OMP, pd.

WOJG C E Smith, upon own appl—advanced to Maj.

Col J L Ready, Inf, upon own appl—advanced to Brig Gen.

Col L F Rhodes, CIE, upon own appl.

Col L A Page, Inf, upon own appl.

Col L M Bricker, Ord Dept, upon own appl.

CWO E S Turner, pd—advanced to Maj.

Maj L M Hitchcock, Sig C, reverts to ret status.

TRANSFERRED

To Air Force

Lt Col C F Dreyer.

CHANGE OF NAME

Maj Sherwood Benhart, DC to Sherwood Ferdinand Benhart.

Capt Una H Keefe, ANC Res to Una Keefe Slater.

1st Lt Olive J Boxa, ANC to Olive Josephine Boxa Merritt.

1st Lt Margaret Lillian Hammac, ANC Res to "Margaret Lillian Hargrove."

CWO Everett Lyle Breazeale to "Everett Lyle Brazeale."

ADVANCEMENTS ON RETIRED LIST

To Lt Colonel—Capt H T Clark.

To Major—M Sgt E C Davis, M Sgt G Mowry.

To Captain—M Sgt L W Hale.

To 1st Lieutenant—M Sgt J J Barker.

To Chief Warrant Officer—M Sgt F J Landon.

NON COMMISSIONED RETIREMENTS

Sgt C J Williams Sgt 1Cl G G Willis

Sgt V J Bolin M Sgt M Floyd

M Sgt C G Bixler M Sgt I W Overland

M Sgt A G Garrison M Sgt W W Smith

Sgt 1Cl J F Thueler

Army Mobilization Assignments

The following Reserve officers have been given mobilization assignments in the Logistics Division, Army General Staff:

Maj Charles G Mc-Naron Lt Col Frank Irvine

Lt Col William W Chapman, Jr Capt Dudley R Keith

Maj Newell Gough, Jr Capt Samuel L Joseph

Maj Channing M Bolton Capt Melvin E Deer

Col Ernest W Ogram Capt Earl N Dorius

Lt Col Bill Burton

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Air Force Orders

(Continued from Page 1235)

D S Gentile, Wash, DC, to dy sta at Univ of Md, College Park, Md.

N. Primiano, MC, Otis AFB, Mass, to 52d Sta Med Gp, ConAC, Mitchel AFB, NY.

Elizabeth T Hickson, USAF, Wash, DC, to Fifth AF, FEAF.

L E Fugard, Ord Dept, Walker AFB, NM, to Pers Cen, Cp Stoneman, Ark.

J T Gist, USAF, Bolling AFB, DC, to 1701st Air Traf Sq, 1701st Air Trans Gp, MATS, Great Falls AFB, Mont.

W O Huston, USAF, Bolling AFB, DC, to 1701st Air Traf Sq, 1701st Air Trans Gp, MATS, Great Falls AFB, Mont.

W T MacSpadden, USAF, Bolling AFB, DC, to 1601st Air Traf Sq, 1601st Air Trans Gp, MATS, Fairchild-Suisun AFB, Calif.

W G Seydewitz, USAF, Bolling AFB, DC, to 1601st Air Traf Sq, 1601st Air Trans Gp, MATS, Brooklyn AFB, Ala.

Priscilla C Hill, ANC, Carswell AFB, Tex, to 28th Sta Med Gp, SAC, Rapid City AFB, SD.

J C Egan, CAC, Keesler AFB, Miss, to Fourth Army, 462d ASU, AAA & GM Ctr, Ft Bliss, Tex.

A C Herrera, USAF, Wash, DC, to HQ & HQ Sq, 106th AB WG, HQ Comd, USAF, Andrews AFB, DC.

W W Foster, Jr, USAF, Wash, DC, to 3536th Bomb Tng Wg, AFTRC, Mather AFB, Calif.

M Schneider, USAF, Wash, DC, to 3606th Nav Tng Wg, AFTRC, Ellington AFB, Tex.

J V Eremich, USAF, Wash, DC, to 55th Recon Wg, SAC, Topeka AFB, Kans.

W P Hall, USAF, Wash, DC, to 2d Bomb WG, SAC, Chatham AFB, Ga.

R P Dwonkiewicz, USAF, Wash, DC, to dy sta at Army Lang Sch, Presidio of Monterey, Calif.

E Grazin, ANC, Hamilton AFB, Calif, to 1525th AB Sq, Pacific Div, MATS, Johnston Naval Air Sta, Johnston Island.

J R Fisher, USAF, Wash, DC, to 112th AC&W Sq, Pa ANG, State College, Pa.

To Mather AFB

Ea of the fol-named USAF offs is held fr asgmt and dy in Wash, DC, and is asgd to 3536th Bomb Tng Wg, USAF Bomb Sch, AFTRC, Mather AFB, Calif:

Maj E W Blake, Jr Capt M E Paulson

Maj J H Bogert Capt W Steele

Capt L M Harris Capt L E Sutton

Capt M B Marler

From Bolling AFB

Ea of the fol-named AGD offs is held fr asgmt at Bolling AFB, DC, and is asgd as shown:

Capt S J Duggan, to 8001st Tech Sv Unit, NY Scy Courier Office, APO Conc Cen, Long Island City, NY.

Capt S J Duggan, to 8021st Tech Sv Unit, AGD, San Francisco Scy Courier Office, Presidio of San Francisco, Calif.

1st Lt J J Kobermann, to DA, AGO, Wash, DC.

1st Lt E M Morse, to 8001st Tech Sv Unit, NY Scy Courier Office, APO Conc Cen, Long Island City, NY.

Ea of the fol-named USAF offs is held fr asgmt and dy at Greenville AFB, SC, and is asgd as indicated:

Capt D M McDonald, to 103d AC&W Sq, 67th Ftr Wg, Conn ANG, Hartford, Conn.

Capt J C Crego, to 142d AC&W Sq, 60th Ftr Wg, Ore ANG, Portland, Ore.

Capt V H Prarat, to 143d AC&W Gp, 60th Ftr Wg, Wash ANG, Spokane, Wash.

Capt W G Burlingame, to 143d AC&W Sq, 60th Ftr Wg, Wash ANG, Seattle, Wash.

Capt R F Garland, to 146th AC&W Sq, 61st Ftr Wg, Calif ANG, Sacramento, Calif.

1st Lt H J Taylor, to 148th AC&W Sq, 62d Ftr Wg, Calif ANG, Compton, Calif.

1st Lt R L North, to 149th AC&W Sq, Calif ANG, Ontario, Calif.

Capt R D Simmons, Jr, to 113th AC&W Sq, 53d Ftr Wg, DC ANG, Nati Guard Armory, Wash, DC.

Capt A V Voorhees, to 118th AC&W Sq, 54th Ftr Wg, NC ANG, Charlotte, NC.

1st Lt O K Butler, to 122d AC&W Sq, 66th Ftr Wg, Ind ANG, Indianapolis, Ind.

Capt R W Sebring, to 127th AC&W Sq, 66th Ftr Wg, Mich ANG, Detroit, Mich.

Capt W D Brittan, to 157th AC&W Sq, 71st Ftr Wg, Mo ANG, St Louis, Mo.

Capt J L Stewart, to 132d AC&W Sq, 71st Ftr Wg, Minn ANG, Minneapolis, Minn.

1st Lt E W Doering, to 133d AC&W Sq, 71st Ftr Wg, Iowa ANG, Ft Dodge, Iowa.

Capt M H Bryant, to 159th AC&W Gp, 86th Ftr Wg, Colo ANG, Denver, Colo.

1st Lt D Cunningham, Jr, to 188th AC&W Sq, 86th Ftr Wg, Colo ANG, Denver, Colo.

1st Lt B N Atterbury, to 139th AC&W Sq, 86th Ftr Wg, Colo ANG, Boulder, Colo.

Capt W H Madole, to 158th AC&W Gp, 63d Ftr Wg, Tex ANG, Houston, Tex.

1st Lt C F Hartzell, to 135th AC&W Sq, 63d Ftr Wg, La ANG, New Orleans, La.

1st Lt R E Patrick, to 136th AC&W Sq, 63d Ftr Wg, Tex ANG, Beaumont, Tex.

Capt R D Price, to 155th AC&W Gp, 55th Ftr Wg, Ohio ANG, Lockbourne AFB, Ohio.

1st Lt C L Lind, to 123d AC&W Sq, 35th Ftr Wg, Ohio ANG, Lunken Apt, Cincinnati, Ohio.

3500th Plt Tng Wg, AFTRC, Barksdale AFB, La.

W L Chaffin, USAF, Bolling AFB, DC, to 1601st Air Traf Sq, 1601st Air Trans Gp, MATS, Brookley AFB, Ala.

T Jennings, USAF, Bolling AFB, DC, to 1601st Air Traf Sq, 1601st Air Trans Gp, MATS, Fairfield-Suisun AFB, Calif.

I Margolis, USAF, Bolling AFB, DC, to 1600th Air Traf Sq, 1600th Air Trans Gp, MATS, Westover AFB, Mass.

M MacLennan, ANC, Westover AFB, Mass, to 1226th Med Sv Sq, Nfld Base Comd, MATS, Ernest Harmon AFB, Nfld.

C W Byars, Sig C, Houston, Tex, to HQ, Ft Monmouth, NJ.

H A Nicoll, Jr, Scott AFB, Ill, to Lexington Sig Dep, Lexington, Ky.

SECOND LIEUTENANTS

C B Broadway, MC, Sheppard AFB, Tex, to 800th Avn Bn, AFTRC, Ft F E Warren, Wyo.

P E Wiesike, USAF, Park Ridge, Ill, to HQ & HQ Sq, Tenth AF, ConAC, Ft Benj Harrison, Ind.

OWO's

F G Sorrentino, USAF, Ft Slocum, NY, to HQ, Ft Monmouth, NJ.

PROMOTIONS

2d Lt to 1st Lt

L L Zuppan O M Bajcera

OFFICER RETIREMENTS

Maj A L Smith, USAF, Col F A Lundell, pd USAF

Col R L Easton, USAF

RESIGNATIONS

Lt Col H S Alexander 1st Lt W P Hurley

1st Lt J S Holtz

ENLISTED RETIREMENTS

M Sgt J R McGraw M Sgt R J Wojnicki

M Sgt C T Morris M Sgt R W Hoyt

M Sgt L B Showalter S Sgt L Campbell

M Sgt E B Wheat

PROMOTED ON RETIRED LIST

M Sgt J M Launders, to Maj.

Marine Corps Orders

(Continued from Page 1235)

MCAS, Cherry Point.

Stuart F B Wood, HqBn, HQMC, Wash, DC; to NAS, Jacksonville.

1ST LIEUTENANTS

Lawrence C Switzer, Jr, MB, NB, Charleston, SC; to MB, NAD, same sta.

Norman W Hicks, MBNAD, Charleston, SC; to MB, NAD, same sta.

John A Reynolds, Jr, 156mm HowBn, USMC, Birmingham; to VMF-541, USMCR, same sta.

Lester L Marshall, 9th MCRD, Chicago; to DP San Fran.

Howard D Stewart, II, 2nd MarDiv, Camp Lejeune; to MCRD, San Diego.

Walter B Patton, 1st MarDiv, Camp Pendleton; to ArtyScol, Ft Bliss, Tex.

2D LIEUTENANTS

Peter J Largesse, MCS, Quantico; to 2d MarDiv, Camp Lejeune.

Harry L Rogers, Jr, 2d MarDiv, Camp Lejeune; to MB, Camp Pendleton.

Walter O Day, 2d MarDiv, Camp Lejeune; to 1st MarDiv, Camp Pendleton.

Neal E Heffernan, NAATC, NAS, Corpus Christi; to MCAS, Cherry Point.

Bertram H Pryor, NAATC, NAS, Corpus Christi; to MCAS, Cherry Point.

CHIEF WARRANT OFFICERS

Cecll D Snyder, HqBn, HQMC, Wash; to DP, San Fran.

Howard E Warren, MCS, Quantico; to MB, NTC, Great Lakes.

Raymond O Steele, 2d MarDiv, Camp Lejeune; to MCS, Quantico.

Charles A Holmes, MB, NAD, McAlester, Okla; to 2d MarDiv, Camp Lejeune.

Julius Rich, MCRD, San Diego; to 1st MarDiv, Camp Pendleton.

John F Powronik, MB, Marc Isl, Vallejo; to 1st MarDiv, Camp Pendleton.

Horace A Smith, MB, Camp Pendleton; to 1st MarDiv, same sta.

John Cemeris, MD, NAMTC, Point Mugu, Calif; to 1st MarDiv, Camp Pendleton.

Benjamin E Beck, MB, NAS, Alameda, Calif; to 1st MarDiv, Camp Pendleton.

Charles C Hamman, 1st MarDiv, Camp Pendleton; to MB, Camp Lejeune.

Everett C Henson, ND, NTC, San Diego; to 1st MarDiv, Camp Pendleton.

WARRANT OFFICERS

Ovel L Ewing, Jr, MCS, Quantico; to 2d MarDiv, Camp Lejeune.

Millard C Akers, 2d MarDiv, Camp Lejeune; to MCRD, Parris Isl.

James L Osborne, 2d MarDiv, Camp Lejeune; to MB, Camp Lejeune.

George A Schroeder, MCRD, San Diego; to 1st MarDiv, Camp Pendleton.

Leslie D Sawyer, MCRD, San Diego; to 1st MarDiv, Camp Pendleton.

Anthony Polousky, MD, NDB, San Pedro, Calif; to 1st MarDiv, Camp Pendleton.

Hellcat Assn. Reunion

The 3d Annual Convention of the Hellcat Association of the 12th Armored Division will be held at the Seelbach Hotel,

Louisville, Ky., 3, 4 and 5 Sept. Further information is obtainable from the Executive Secretary, John J. Collins, 21 Brushton Avenue, Wilkinsburg 21, Pa.

The following officers have been appointed to temporary rank of major in the regular Marine Corps:

Dorn Arnold Roy E Hagerdon

Albert C Hartkopf Raymond H Leeper

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

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Cigarettes—LUCKY STRIKE, HERBERT TAREYTON; Tobaccos—HALF & HALF, BULL DURHAM; Cigars—ROI TAN.

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Ranges—Coal, Wood and Gas; Apartment Cookers—Gas; Circulating Heaters—Coal and Wood; Magazine Heaters—Coal.

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Davidson Star-D Slide Projectors; Davidson Multi-Cam Tri-Pods; Davidson Mark 245 Spotting Scopes; Davidson Photo & Optical Accessories.

DAVIDSON MFG. COMPANY
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Domestic Sliced Veneers; Imported Sliced Veneers; African Mahogany Lumber; Honduras Mahogany Lumber; Miscellaneous Hardwood Veneer and Lumber.

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Meat Slicing Machines; Computing Scales; Meat Grinders.

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(Continued)

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HOBART MANUFACTURING CO.
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Sash; Doors; Frames; Screens; Mouldings.

IDEAL COMPANY
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Genuine IWAN Post Hole & Well Auger; IWAN-Atlas Post Hole Digger; IWAN-Hercules Post Hole Digger; IWAN-Gibbs Post Hole Digger; IWAN Snow Pusher.

IWAN BROTHERS, INC.
1501-1505 Prairie Ave., South Bend 14, Indiana

Wax, Floor, Water Emulsion; Wax, Floor, Liquid & Paste; Polish, Metal; Polish, Furniture; Polish, Automobile Liquid & Paste; Detergents, Special for Machine Dishwashing and manual cleaning; Shampoo for Hair and Body; Hand Soaps, Liquid.

JACKSON CHEMICAL CO.
29 West Kinzie Street, Chicago 10, Illinois

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
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JIFFY Macerated Paper Packing Pads; JIFFY Insulated Bags; JIFFY Insulated Box Liners; JIFFY Cushioned Packing Bags; JIFFY Cushioned Bottle Sleeves.

JIFFY MANUFACTURING CO.
360 Florence Avenue, Hillside, New Jersey

Oil Refinery, Pipe Line, and Oil Field Steel Tanks; Water Tanks; Bulk and Service Station Tanks and Equipment; Pressure Vessels; VAREC Tank fittings.

KEYES TANK & SUPPLY CO.
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KINGHAM TRAILER CO., INC.
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Heavy Duty Automotive, Industrial Clutches; Production Lathes; Pneumatic Bar Feeds; Portable Power Hack Saws; Contract Machine & Assembly Work.

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LOCKWOOD MFG. CO.
3170 Wasson Road, Cincinnati 8, Ohio

Lumite Insect Screen Cloth; Lumite Woven Saran Fabric.

LUMITE DIVISION—CHICOPEE MFG. CORP. OF GEORGIA
47 Worth St., New York 13, N. Y.

Teas; Spices; Extracts; Condiments; Coffee; Insecticides.

MCCORMICK & COMPANY, INC.
McCormick Bldg., Baltimore, Maryland

Tabasco, a Red Liquid Pepper Sauce.

MCILHENNY COMPANY
Avery Island, Louisiana

Canned Oysters; Canned Green Beans; Canned New Irish Potatoes; Canned Okra; Canned Okra and Tomatoes; Canned Tomatoes.

L. P. MAGGIONI & CO.
401 W. Bay Street, Savannah, Georgia

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.
200 South Harding Street, Indianapolis 7, Indiana

Sheetings; Sheets; Drills; Twills; Pocketing.

MINOT, HOOPER & CO.
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Canned Foods; Salad Dressings; Coffee and Tea; Jams; Peanut Butter.

THE MOREY MERCANTILE COMPANY
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Table Salt; Industrial Salt; Salt Tablets; Tablet Dispensers.

MORTON SALT COMPANY
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Neptune Outboard Motors; Jig Saw, Slot and Ripper, Silent Type; Master Automatic Coal Stokers; Marvair Heat Pumps.

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NATIONAL TANK & MFG. CO.
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Power Presses; Shears, Foot and Power; Machines for Plate and Sheet Metal Working; Presses, Hydraulic; Welding Machines, Electronic Automatic.

NIAGARA MACHINE AND TOOL WORKS
683 Northland Avenue, Buffalo 11, New York

Canned Vegetables; Frozen Vegetables.

PAN-AM FOODS, INC.
3100-14th St., Box 1752, Brownsville, Texas

Archery, Hunting & Target; Boats Bat-O-Net (game); Small Feather Duster.

BEN PEARSON, INC.
4th & Orange Sts., Pine Bluff, Arkansas

Great Western Champagne; Great Western Still Wines — Port, Sherry, Sauternes, Claret, Burgundy, Etc.; Great Western Vermouth, Sweet & Dry.

THE PLEASANT VALLEY WINE CO.
Rheims, Hammondsport, New York

Sheet Music; Music Books; Choral Works; Band Music, Orchestra Music.

THEODORE PRESSER CO.
Bryn Mawr, Pennsylvania

Fabricators of Steel, Aluminum & Stainless Steel Sheet & Light Plate; Manufacturers of Refrigerated Storage Cabinets; Bottle Crates; Wood and Metal Boxes; Truck Bodies.

THE QUIRK COMPANY
3383 E. Layton Avenue, Cudahy, Wisconsin

Ray-O-Vac Leakproof Flashlight Batteries; Ray-O-Vac Flashlight Cases; Ray-O-Vac Radio Batteries.

RAY-O-VAC CO.
212 E. Washington Ave., Madison 10, Wisconsin

Gun Cleaning Patches; Milk Filters; Buffing Wheels; Aprons; Cheese Bandages.

SCHWARTZ MFG. COMPANY
1000 School Street, Two Rivers, Wisconsin

Hair Cloth Interlining.

JOHN M. SCHWEHM'S SONS, INC.
13 E. Wister Street, Philadelphia 44, Pa.

Capacitors, All Types; Resistors, Wire Wound & Composition; Pulse Forming Networks; Ceramic Insulated Copper Wire; Radio Noise Filters.

SPRAGUE ELECTRIC CO.
Beaver Street, North Adams, Mass.

Spratt's Assorted Dog Biscuits; Spratt's "FIBO" (granulated Food); Spratt's "OVALS" (plain or charcoal); Spratt's "BONIO" (bone-shape); Spratt's Bird Foods.

SPRATT'S PATENT (AM) LTD.
18 Congress St., Newark, New Jersey

Galv. Round Pipe and Ells; W.A. Heating Duct and Fittings; A.C. Duct and Fittings; Rain Goods; Sheet Metal Bldg. Spec.

STANDARD FURNACE & SUPPLY CO.
411-17 S. Tenth Street, Omaha, Nebraska

Polyethylene Tubing; Bags; Sheeting; Surfex Vinyl Plastics Flooring.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Dial and Strip Charts and Business Forms.

TECHNICAL CHARTS INCORPORATED
109 Van Rensselaer St., Buffalo, New York

Pipe Wrenches; Pipe Cutters; Pipe Vises; Chain Wrenches; Monkey Wrenches.

TRIMONT MFG. CO.
(Div. of Aetna Industrial Corp.)
55-71 Amory Street, Roxbury (Boston), Mass.

16 mm. Motion Picture Projectors; 16 mm. Motion Picture Cameras; Dual-Arm Record Player.

VICTOR ANIMATOGRAPH CORP.
A Division of Curtiss-Wright Corp.
Hickory Grove Road, Davenport, Iowa

Tuna; Tonna (Tuna in Pure Olive Oil); Tomato Paste; Sardines; Mackerel.

WEST COAST PACKING CORP.
1687 W. Water Street, Long Beach, California

Ventilating Fans; Unit Heaters; Copper Blast Coils; Steel Tanks; Heat Exchangers.

WESTERN BLOWER CO.
1800 Airport Way, Seattle 4, Wash.

Upholstery Fabrics; Drapery Fabrics; Curtain Fabrics; Slipcover Fabrics.

WITCOMBE, McGEACHIN & CO., INC.
509 Madison Avenue, New York 22, N. Y.

ENGINEER EQUIPMENT AND CONSTRUCTION SUPPLIES

Gray Iron Castings; Semi-Steel Castings.

THE ACME FOUNDRY AND MACHINE CO.
1502 Spruce Street, Coffeyville, Kansas

Ajax Tama-Wyatt Low Frequency Induction Furnaces Used for Melting Aluminum and Aluminum Alloys.

AJAX ENGINEERING CORP.
Lalor & Hancock Sts., Trenton 7, New Jersey

Locknuts, bearing; Lockwashers, bearing; Adapters, taper sleeve; Nuts, strut and wheel.

ALLIED MACHINE & ENGINEERING CORP.
130 Seventh St., N.W., New Philadelphia, Ohio

Black Tenkote Asbestos Roofing; Aluminum Tenkote Asbestos Roofing; Topbright; Reflecta-Shield.

THE AMERICAN ASBESTOS PRODUCTS CO.
W. 80th & Nickel Plate R.R., Cleveland, Ohio

Ankoseal:—Telephone Cables; Power Cables; Control Cables; Radio Hookup Wires; Specialty Control Cables.

THE ANSONIA ELECTRICAL COMPANY
63 Main Street, Ansonia, Conn.

Fabricated Structural Steel for Bridges and Buildings; Beams; Columns; Angles and Plates.

ANTHRACITE BRIDGE CO.
310 Genet St., Scranton 2, Pa.

Zeolite Water Softening; De-Ionizing Equipment; Filters and Sterilizers; Automatic Water Treatment Controls; Lime Soda Plants.

AUTOMATIC PUMP & SOFTENER CORP.
2412 Grant Ave., Rockford, Illinois

Bucket Loaders; Belt Conveyor; Bituminous Mixing Plants; Bituminous Finishers; Trenching Equipment.

BARBER-GREENE COMPANY
600 West Park Avenue, Aurora, Illinois

Power Conveyors; Gravity Conveyors; Hand Trucks; Platform Skids; Infrared Equipment.

BEARING AND TRANSMISSION CO.
408 Walnut St., Findlay, Ohio

Coated Abrasives (Sandpaper); Oil-stones and Abrasive Specialties; Non-slip Media.

BEHR MANNING CORP.
Troy, New York

Crushed Limestone for: Road building; Concrete work; Filter stone; Lime-stone sand.

BLUE RIDGE STONE CORPORATION
P. O. Box 2459, Roanoke, Virginia

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

Engineer Equipment and Construction Supplies (Continued)

Cushions—All Types; Hydraulic Suspension Seats; Canvas Leather Products; Bucket Seats; Seat Pads.

BOSTROM MFG. COMPANY
133 W. Oregon Street, Milwaukee 4, Wisconsin

Precise Transits; Precise Levels; Permanent Face Level Rods; Hand Levels; Tripods.

BRUNSON INSTRUMENT COMPANY
1405 Walnut Street, Kansas City 6, Missouri

Sprinkling Equipment for Lawns; Rainmobile Traveling Sprinkler; Pop-up Sprinklers; Quick Coupling Sprinkler Valves; Irrigation Sprinkling Equipment.

BUCKNER MANUFACTURING CO.
1615 Blackstone Ave., Fresno, California

Genuine Wrought Iron Pipe.

A. M. BYERS COMPANY
Pittsburgh, Pa.

Cranes-Portable, Shop & Truck; Tire Tools (Bead Breakers); Bearing Removers; Motor Block Stands; Truck Steps.

CAM TOOL CO., INC.
288-21st Street, Oakland, California

Camera Equipment (Lithographic); Vacuum Printing Frames; Plate Graining Equipment (Lithographic); Photo Engraving Equipment; Lithographic Platemaking Equipment.

CONSOLIDATED PHOTO ENGRAVERS AND LITHOGRAPHIC EQUIPMENT CO.
2446 W. North Avenue, Chicago, Illinois
205 W. 19th St., New York City, N. Y.

Steel, Stainless; Steel, High Speed; Steel, Tool; Steel, Alloy and Machinery; Steel, Special Purpose.

CRUCILE STEEL COMPANY OF AMERICA
405 Lexington Avenue, New York 17, N. Y.
Branches, Warehouses and Distributors in Principal Cities. Consult your telephone or Thomas' Register for nearest office.

Gas Holders; Gas Purifiers; Steel Plate Construction; Weldments; Steel Tanks.

CRUSE-KEMPER CO.
S. Main Street, Ambler, Penna.

Boilers — High Pressure; Boilers — Heating; Steam Generators; Boilers — Packaged; Boilers — Automatic.

CYCLOTHERM CORP.
90 Broad Street, New York 4, N. Y.

Domestic Sliced Veneers; Imported Sliced Veneers; African Mahogany Lumber; Honduras Mahogany Lumber; Miscellaneous Hardwood Veneer and Lumber.

THE DEAN COMPANY
666 Lake Shore Drive, Chicago 11, Illinois

Refrigerating Compressors, Ammonia; Ammonia Valves; Freon Valves; Ammonia Fittings; Evaporator Pressure Controls.

DERSCH, GEESWEIN & NEUERT, INC.
4849 West Grand Avenue, Chicago 37, Illinois

Axes; Portable Mountings; Trailers — Industrial and Highway; Wagons; Wheels — Industrial and Agricultural.

ELECTRIC WHEEL COMPANY
2800 Locust Street, Quincy, Illinois

Cast Iron Soil Pipe; Cast Iron Soil Fittings; Plumbers Specials.

EMORY PIPE & FOUNDRY CO., INC.
1000 Front St., Anniston, Alabama

Lumber; Sugar Pine; Ponderosa Pine; White Fir; Douglas Fir.

FEATHER RIVER PINE MILLS INC.
P. O. Drawer F, Feather Falls, Calif.

Malleable Iron Castings.

FEDERAL MALLEABLE CO.
805 So. 72nd Street, Milwaukee 14, Wis.

Airplane Hangar Doors; Steel Doors — Industrial Types; Steel Windows — Industrial Types; Steel Windows — Residential Types; Aluminum Windows.

MICHAEL FLYNN MFG. CO.
Dept. A, 700 E. Godfrey Ave., Philadelphia 24, Pa.

Fire Alarm Systems — Manual; Police Signaling Systems; Automatic Fire Detection Systems; Air Raid Alarm Systems; Emergency Signaling Systems — Special.

THE GAMEWELL COMPANY
1238 Chestnut Street, Newton Upper Falls 64, Mass.

Reinforced and plain concrete pipe, for all purposes. Special concrete shapes.

GRAY CONCRETE PIPE COMPANY, INC.
Plants: Baltimore, Md.; Hagerstown, Md.; Arlington, Va.; Thomasville, North Carolina; Wilson, North Carolina.

Wooden Barrels; Wooden Kegs; Steel Drums; Plywood Drums, Fibre Drums.

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

Sash; Doors; Frames; Screens; Moldings.

IDEAL COMPANY
24th and Mary Streets, Waco, Texas

Steel Forms for Walls; Steel Forms for Manholes; Steel Forms for Bridges; Steel Forms for Slabs; Steel Forms for all types of concrete construction.

IRVINGTON FORM & TANK CORP.
43 Cedar St., New York 5, N. Y.

Genuine IWAN Post Hole & Well Auger; IWAN-Atlas Post Hole Digger; IWAN-Hercules Post Hole Digger; IWAN-Gibbs Post Hole Digger; IWAN Snow Pusher.

IWAN BROTHERS, INC.
1501-1505 Prairie Ave., South Bend 14, Indiana

Barn Cleaners; Barn Equipment; Barn Ventilation; Barn Windows; Hay Storage Equipment.

JAMES MFG. CO.
104 West Milwaukee, Fort Atkinson, Wis.

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
Chase City, Virginia

Oil Refinery, Pipe Line, and Oil Field Steel Tanks; Water Tanks; Bulk and Service Station Tanks and Equipment; Pressure Vessels; VAREC Tank fittings.

KEYES TANK & SUPPLY CO.
Plant #1: 1657 E. Yellowstone
Mailing: P. O. Box 479, Casper, Wyoming
Plant #2: 6th So. & 5th East, Provo, Utah

Ditching Machines; Disk Harrows; Road Material Mixers; Road Scrapers; Subsoil Plows.

JOHN DEERE KILLEFER CO.
5525 Downey Road, Los Angeles 54, Calif.

Kitchen Cabinets; Sinks and Counters.

THE KITCHEN MAID CORP.

Andrews, Indiana

Ice Cans and Ice Can Fillers; Ice Can Group Frames; Core Fillers and Suckers for Ice; Fish Freezing Pans and Trucks; Frozen Food Lockers.

KNICKERBOCKER STAMPING CO.

Parkersburg, W. Va.

Bituminous Protective Castings, Coke Oven, By-Product, Chemical Plants Precipitators, (Electrostatic) Pressure-Treated Wood, Road Tar Materials.

KOPPERS COMPANY, INC.

Koppers Building, Pittsburgh 19, Pa.

Asbestos — All Types and Products; Asbestos Cloth and Textiles; Asbestos Paper and Millboard; Masonite Benelex and Die Stock; Ebonized Asbestos; Monobestos or Transite.

LADDEN ASBESTOS CORP.

185 Court St., Brooklyn 2, N. Y.

Upholstery Fabrics; Imitation Leathers; Genuine Leathers; Foam Rubber; Upholstery Supplies.

LA FRANCE INDUSTRIES

119 W. 40th Street, New York 18, N. Y.

Valve Seat Insert Tool; Valve Seat Grinder; Valve Refacer; Connecting Rod Aligner; Hone and Reamer Drive; Adjustable Reamers; Stud Wrenches; Wheel Dressers; Drill Chucks (keyless); Expanding Mandrels; Portable Drills (Electric); A.C. Arc Welders; Universal Tool Grinders; Carbide Tool Grinders.

K. O. LEE COMPANY

1110 First Ave. S. E., Aberdeen, S. D.

Heavy Duty Automotive, Industrial Clutches; Production Lathes; Pneumatic Bar Feeds; Portable Power Hack Saws; Contract Machine & Assembly Work.

LIPE-ROLLWAY CORP.

806 Emerson Ave., P. O. Box 1106, Syracuse, N. Y.

Diesel Engines; Diesel Generator Units; Diesel Pumping Units; Diesel Lighting Units; Diesel Powered Compressors.

LISTER-BLACKSTONE, INC.

420 Lexington Avenue, New York 17, N. Y.

Lockformers 16, 18, 20, 22 & 24; Auxiliary Lockformer Rolls; Cleatformer; Power Flangers 14, 16 & 18; Easy Edgers & Power Flanger Attachments.

THE LOCKFORMER COMPANY

4615 W. Roosevelt Road, Chicago 50, Illinois

Lumite Insect Screen Cloth; Lumite Woven Saran Fabric.

LUMITE DIVISION—CHICOOPEE MFG. CORP. OF GEORGIA

47 Worth St., New York 13, N. Y.

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.

200 South Harding Street, Indianapolis 7, Indiana

ASME Pressure Vessels; API Storage Tanks; Stainless Steel Storage Vessels; Copper-Alloy Storage Vessels; Misc. Plate Fabricating.

NATIONAL TANK & MFG. CO.

Box 4738 Florence Boulevard, Los Angeles 1, Calif.

Granite; Building Granite; Dry Dock Granite; Bridge Granite; Riprap.

THE NORTH CAROLINA GRANITE CORP.

Mount Airy, North Carolina

Vitrified Clay Sewer Pipe; Vitrified Clay Conduit; Refractories; Ventilator Hoods for Ammunition Dumps.

PACIFIC CLAY PRODUCTS

306 West Ave. 26, Los Angeles 31, California

PC Foamglas Insulation; PC Glass Blocks.

PITTSBURGH CORNING CORP.

307 Fourth Avenue, Pittsburgh 22, Pa.

Ray-O-Vac Leakproof Flashlight Batteries; Ray-O-Vac Flashlight Cases; Ray-O-Vac Radio Batteries.

RAY-O-VAC CO.

212 E. Washington Ave., Madison 10, Wisconsin

Capacitors, All Types; Resistors, Wire Wound & Composition; Pulse Forming Networks; Ceramic Insulated Copper Wire; Radio Noise Filters.

SPRAGUE ELECTRIC CO.

Bever Street, North Adams, Mass.

Galv. Round Pipe and Ells; W.A. Heating Duct and Fittings; A.C. Duct and Fittings; Rain Goods; Sheet Metal Bldg. Spec.

STANDARD FURNACE & SUPPLY CO.

411-17 S. Tenth Street, Omaha, Nebraska

Road Rollers 3-Wheel Type; Pneumatic Tired Rollers; Sheepfoot Tamping Rollers.

TAMPO MFG. CO.

1146 W. Laurel St., San Antonio, Texas

Dial and Strip Charts and Business Forms.

TECHNICAL CHARTS INCORPORATED

189 Van Rensselaer St., Buffalo, New York

Industrial Rubber Goods; Auto. & Industrial Brake Linings & Clutch Facings; All types Industrial Hose; Hydraulic Brake Parts and Fluid; V-Belts & Auto. Fan Belts; Conveyor & Transmission Belting; Asbestos Textiles.

TERMOID COMPANY

Whitehead Road, Trenton, New Jersey

Corrugated Metal Pipe & Arch (Plain and Bituminous Coated); Sectional Plate Pipe & Arch; Perforated Metal Underdrain.

TONCAN CULVERT MFGRS. ASSOC. INC.

1151 Terminal Tower, Cleveland 13, Ohio

Pipe Wrenches; Pipe Cutters; Pipe Vises; Chain Wrenches; Monkey Wrenches.

TRIMONT MFG. CO.

(Div. of Aetna Industrial Corp.)

55-71 Amory Street, Roxbury (Boston), Mass.

Doors & Frames Hollow Metal; Fireproof Hollow Metal Doors; Frames, Hollow Metal Door; Underwriters Labeled Frames and Doors; Steel Door Buckles.

TRUSSBILT DIV. OF SIEMS BROS. INC.

2575 Como Avenue, St. Paul 6, Minnesota

Reinforcing Steel Bars; Welded Wire Mesh; Expansion Joint & Concrete Paving Materials; Steel Joists & Accessories; Form Ties and Forming Equipment.

VIRGINIA STEEL CO. INC.

1444 East Main Street, Richmond 5, Virginia

Webril Steel Bars for Concrete Reinforcing.

WEBRIL STEEL CORP.

120 Broadway, New York 5, N. Y.

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

Engineer Equipment and Construction Supplies (Continued)

Heat Exchangers; Water Heaters; Oil Heaters and Coolers; Fabricated Piping and Coils; Fabricated Plate.

THE WHITLOCK MANUFACTURING CO.
Drawer 390, Hartford 2, Connecticut

Will-Burt Underfeed Bituminous Coal Stokers—Hopper and Bin-Feed Models 20 to 600 lbs. Hourly Burning Capacities; Will-Burt Pressure Type Oil Burners 1-12 Gal. Hourly Burning Capacities.

THE WILL-BURT CO.
Orville, Ohio

Scrapers, Self-Propelled; Scrapers, Tractor Drawn; Bulldozers, Cable Operated; Cable Control Units; Rippers, Cable Operated.

WOOLDRIDGE MANUFACTURING CO.
Sunnyvale, California

ORDNANCE, WEAPONS, MACHINERY, AUTOMOBILES, TRUCKS, ACCESSORIES AND SUPPLIES

Bushings, Drill Jig; Hardened and Ground Precision Parts; Button Dies and Piercing Punches; Special Micro Finished Parts; Special Wear Resistant Bushings.

ACCURATE BUSHING CO.
443 North Avenue, Garwood, New Jersey

Gray Iron Castings; Semi-Steel Castings.

THE ACME FOUNDRY AND MACHINE CO.
1502 Spruce Street, Coffeyville, Kansas

Locknuts, bearing; Lockwashers, bearing; Adapters, taper sleeve; Nuts, strut and wheel.

ALLIED MACHINE & ENGINEERING CORP.
130 Seventh St., N.W., New Philadelphia, Ohio

Model C-90, 30 feet; Model C-80, 25 feet; Model S-24, 24 feet; Model S-21, 21 feet; Model S-17, 17 feet.

ALMA TRAILER COMPANY
903 Michigan Avenue, Alma, Michigan

Coordinated Engineered Conveyor Systems; Stackers; Industrial Washing Equipment; Pot & Pan Washers for Institutions & Restaurants; Portable Conveyors.

ALVEY-FERGUSON COMPANY
75 Disney Street, Cincinnati 9, Ohio

Ammunition Handling Mechanisms—Automatic; Machine Gun Parts and Assemblies; Fire Control Mechanisms; Process Machinery; Radar Antennae and Mounts, Mechanisms.

AMERICAN MACHINE & FOUNDRY CO.
511 Fifth Avenue, New York 17, N.Y.

Ankoseal—Telephone Cables; Power Cables; Control Cables; Radio Hookup Wires; Specialty Control Cables.

THE ANSONIA ELECTRICAL COMPANY
63 Main Street, Ansonia, Conn.

Acids.

ATLAS POWDER COMPANY
Wilmington 99, Delaware

Industrial Explosives and Detonation Devices.

ATLAS POWDER COMPANY
Wilmington 99, Delaware

Industrial Chemicals: Sorbitol, Mannitol and Derivatives; Emulsifiers, Plasticizers, Humectants, Wetting Agents, Insecticides.

ATLAS POWDER COMPANY
Wilmington 99, Delaware

Lathes; Drill Presses; Bench Milling Machines; Bench-Type Shapers; Circular Saws.

ATLAS PRESS COMPANY
1938 N. Pitcher, Kalamazoo, Michigan

Retreading Equipment; Sectional Repair Equipment; Curing Rims; Tube Repair Plates; Tire Shop Accessories.

BACON VULCANIZER MFG. CO.
1295 67th St., Oakland, California

Automatic Printing Machinery; Special Machinery; Manufactured parts for control unit of electric (Mark XVIII) submarine torpedo; Tools, jigs and fixtures.

BANTHIN ENGINEERING COMPANY
1849-57 Main Street, Bridgeport 4, Conn.

Coated Abrasives (Sandpaper); Oil-stones and Abrasive Specialties; Non-slip Media.

BEHR MANNING CORP.
Troy, New York

Screw Machine Products: Capacity $\frac{1}{8}$ " to $2\frac{1}{8}$ ". General Job Shop for Machined Parts.

BIDDLE SCREW PRODUCTS CO.
701 South Main St., Sheridan, Ind.

Cushions—All Types; Hydraulic Suspension Seats; Canvas Leather Products; Bucket Seats; Seat Pads.

BOSTROM MFG. COMPANY
133 W. Oregon Street, Milwaukee 4, Wisconsin

Snow Plows; Maintainers; Spreaders; Conveyors; Foundry Castings.

THE BURCH CORPORATION
Crestline, Ohio

Open Hammer Forgings (2 to 6000 lbs.); Warehouse Steels; Cutting and Precision Tools; Industrial Supplies; Electrical Supplies.

BURKE STEEL CO., INC.
30 Sherer St., Rochester, N.Y.

Cranes-Portable, Shop & Truck; Tire Tools (Bead Breakers); Bearing Removers; Motor Block Stands; Truck Steps.

CAM TOOL CO., INC.
288-21st Street, Oakland, California

Valve Facing Machines; Valve Seat Grinders; Valve Seat Insert Tools; Cylinder Boring Machines; Align Boring Machines; Piston Grinders.

CEDAR RAPIDS ENGINEERING CO.
502 17th Street Northeast, Cedar Rapids, Iowa

Chevrolet Passenger Cars; Chevrolet Trucks; Chevrolet Replacement Parts; Chevrolet Accessories.

CHEVROLET MOTOR DIVISION
General Motor Building, Detroit 2, Michigan

Jigs—Standard; Jigs—Special; Index Tables; Locks—Automatic—Cam.

CLEVELAND UNIVERSAL JIG CO.
13404 St. Clair Avenue, Cleveland 10, Ohio

Continental Batteries. Member: American Ordnance Association. Southwest Contract Supplier T S 15163.

CONTINENTAL BATTERY MANUFACTURING CORP.
1910-12-14 South Pearl Street, Dallas 1, Texas

Heat Treatment of All Steels; Controlled Atmosphere Furnaces; Salt Baths for Hi-Speed Steels; Precision Hardness Inspection; Liquid Honing and Sandblasting.

COOK HEAT TREATING CORP.
5934 Alcoa Avenue, Los Angeles 11, Calif.

Live Centers.

HERBERT CROSS & SON
9 Highland Avenue, Bala-Cynwyd, Pa.

Steel, Stainless; Steel, High Speed; Steel, Tool; Steel, Alloy and Machinery; Steel, Special Purpose.

CRUCIBLE STEEL COMPANY OF AMERICA

405 Lexington Avenue, New York 17, N.Y.
Branches, Warehouses and Distributors in Principal Cities. Consult your telephone or Thomas' Register for nearest office.

Cushman Motor Scooters (2 Wheel); Cushman Commercial Delivery Motor Scooters (3 Wheel); Cushman "Husky" Air Cooled Engines; Cushman "Cub" Water Cooled Engines.

CUSHMAN MOTOR WORKS INC.
Lincoln 1, Nebraska

Wire Springs; Wire Specialties; Wire Clips; Wire Snaps.

THE CUYAHOGA SPRING CO.
10252 Berea Road, Cleveland, Ohio

Activated Carbons.

DARCO CORPORATION
60 East 42nd Street, New York 17, N.Y.

Designers and Builders of Tools, Jigs, Fixtures and Special Machinery.

DOUGLAS TOOL COMPANY
4607 Woodward Avenue, Detroit 1, Michigan

DC 4, Silicone Compound for sealing ignition systems and disconnectable junctions; DC Silicone Greases for ball bearings operating at abnormally high and low temperatures; DC Silicone Electrical Insulation for increased life and power per pound ratio in electrical equipment; Silastic, Dow Corning Silicone Rubber useful at -130° to 500° F.

DOW CORNING CORPORATION
Midland, Michigan

Miniature and Candelabra Size Screw and Bayonet Lamp Holders; Signal Lights for Instrument Panels.

DRAKE MANUFACTURING CO.
1713 W. Hubbard St., Chicago, Ill.

Turbine-driven Axial Flow Compressors; Steel Radar Towers and Structures; Precision Centrifugal and Reciprocating Pumps; Guided Missile Launchers; Complete Oil and Water Well Drilling Equipment.

DRESSER INDUSTRIES, INC.
1130 Terminal Tower, Cleveland 13, Ohio

Self-locking Nuts.

ELASTIC STOP NUT CORP. OF AMERICA
2330 Vauxhall Road, Union, New Jersey

Axes; Portable Mountings; Trailers—Industrial and Highway; Wagons—Wheels—Industrial and Agricultural.

ELECTRIC WHEEL COMPANY
2800 Locust Street, Quincy, Illinois

Storage Tank Accessories and Valves; Pattern Making; Gray Iron Foundry; Aluminum Foundry; Brass Foundry.

ENARDO MANUFACTURING CO.
Box 1647, Tulsa 1, Oklahoma

Soaps and Industrial Cleaners; Machine Shop Supplies; Heat Treating Products; Rust Preventives; Industrial Laundry Supplies.

FAR-BEST CORPORATION
6715 McKinley Avenue, Los Angeles 1, Calif.

Malleable Iron Castings.

FEDERAL MALLEABLE CO.
805 So. 72nd Street, Milwaukee 14, Wis.

Metal Cans; Metal Stampings; Metal Specialties; Miscellaneous Metal Items to Specifications.

FEDERAL TIN CO. INC.
Charles & Barre Sts., Baltimore 2, Md.

Surface Grinders, Hydraulic Feed; Universal and Tool Grinders, Hydraulic Feed; Universal Cutter and Tool Grinder; Twist Drill Grinder; Tap Grinders.

GALLMEYER & LIVINGSTON CO.
123 Straight Ave. S.W., Grand Rapids 4, Mich.

Polishes; Cleaners; Insecticides; Fuel Tablets; Shoe Dressings; Mops; Oils; Waxes.

GEM PRODUCTS, INC.
234 West Florida Street, Milwaukee 4, Wisconsin

Bronze Tablets; Bronze and Non-Ferrous Metal Castings; Fabricated Micro Wave Guide Assemblies; Fabricated Bronze Work; Silver Polish.

THE GORHAM COMPANY
333 Adelaide Ave., Providence 7, R.I.

Wooden Barrels; Wooden Kegs; Steel Drums; Plywood Drums, Fibre Drums.

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

Cartridge Cases; Bomb Fins; Ammunition Cases—Steel; Coined Cups; Metal Stampings.

HART & COOLEY MANUFACTURING CO.
503 East 8th Street, Holland, Michigan

Hydraulic, Pneumatic, Fuel, Electrical, and Heat and Vent Equipment for Aircraft.

HYDRO-AIRE, INC.
3000 Winona, Burbank, California

Hydraulic Extrusion Presses; Hydraulic Forging Presses; Hydraulic Die Forging Presses; Hydraulic Deep Drawing Presses; Hydraulic Presses for Powder Metallurgy; Hydraulic Presses for all Metal Working Operations; Hydraulic Plate Stretcher-Levellers; Hydraulic Tube Testing and Expanding Machines; Hydraulic Stretching - Straightening - Detwisting Machines for Rods and Sections; Rolling Mills and Rolling Mill Equipment; Hydraulic High Pressure Accumulators; Cold Chamber Die Casting Machines.

HYDROPRESS, INC.
576-578 Lexington Avenue, New York 22, N.Y.

Automatic Cartridge Paper Box Machines; Automatic Cartridge Paper Partition Machines; Heavy Duty Box-board Slitters.

INMAN MFG. CO., INC.
41-53 Guy Park Ave., Amsterdam, N.Y.

Genuine IWAN Post Hole & Well Auger; IWAN-Atlas Post Hole Digger; IWAN-Hercules Post Hole Digger; IWAN-Gibbs Post Hole Digger; IWAN Snow Pusher.

IWAN BROTHERS, INC.
1501-1505 Prairie Ave., South Bend 14, Indiana

Wax, Floor, Water Emulsion; Wax, Floor, Liquid & Paste; Polish, Metal; Polish, Furniture; Polish, Automobile Liquid & Paste; Detergents, Special for Machine Dishwashing and manual cleaning; Shampoo for Hair and Body; Hand Soaps, Liquid.

JACKSON CHEMICAL CO.
29 West Kinzie Street, Chicago 10, Illinois

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
Chase City, Virginia

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

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Ordnance, Weapons, Machinery, Automobiles, Trucks, Accessories and Supplies (Continued)

Asbestos — All Types and Products; Asbestos Cloth and Textiles; Asbestos Paper and Millboard; Masonite Benelex and Die Stock; Ebonized Asbestos; Monobestos or Transite.

LADDEN ASBESTOS CORP.
105 Court St., Brooklyn 2, N. Y.

Upholstery Fabrics; Imitation Leathers; Genuine Leathers; Foam Rubber; Upholstery Supplies.

LA FRANCE INDUSTRIES
119 W. 40th Street, New York 18, N. Y.

Castings, Alloy and Steel; Castings, Armored; Castings, Aircraft (including Turbo-Superchargers).

LEBANON STEEL FOUNDRY
Front and Lehman Sts., Lebanon, Penna.

Valve Seat Insert Tool; Valve Seat Grinder; Valve Refacer; Connecting Rod Aligner; Hone and Reamer Drive; Adjustable Reamers; Stud Wrenches; Wheel Dressers; Drill Chucks (keyless); Expanding Mandrels; Portable Drills (Electric); A.C. Arc Welders; Universal Tool Grinders; Carbide Tool Grinders.

K. O. LEE COMPANY
1110 First Ave. S. E., Aberdeen, S. D.

Heavy Duty Automotive, Industrial Clutches; Production Lathes; Pneumatic Bar Feeds; Portable Power Hack Saws; Contract Machine & Assembly Work.

LIPE-ROLLWAY CORP.
806 Emerson Ave., P. O. Box 1106, Syracuse, N. Y.

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.
200 South Harding Street, Indianapolis 7, Indiana

ASME Pressure Vessels; API Storage Tanks; Stainless Steel Storage Vessels; Copper-Alloy Storage Vessels; Misc. Plate Fabricating.

NATIONAL TANK & MFG. CO.
Box 4738 Florence Boulevard, Los Angeles 1, Calif.

Power Presses; Shears, Foot and Power; Machines for Plate and Sheet Metal Working; Presses, Hydraulic; Welding Machines, Electronic Automatic.

NIAGARA MACHINE AND TOOL WORKS
683 Northland Avenue, Buffalo 11, New York

Punch Press Die Sets; Die Makers' Supplies; Toolroom Equipment; Machine Vises; Special Machinery.

THE PRODUCTO MACHINE CO.
990 Housatonic Ave., Bridgeport 1, Conn.

Fabricators of Steel, Aluminum & Stainless Steel Sheet & Light Plate; Manufacturers of Refrigerated Storage Cabinets; Bottle Crates; Wood and Metal Boxes; Truck Bodies.

THE QUIRK COMPANY
3383 E. Layton Avenue, Cudahy, Wisconsin

Nuts & Machine Parts for—Aircraft, Automobiles, Machinery.

THE RAUSCH NUT & MFG. CO.
869 East 140th St., Cleveland 10, Ohio

Ray-O-Vac Leakproof Flashlight Batteries; Ray-O-Vac Flashlight Cases; Ray-O-Vac Radio Batteries.

RAY-O-VAC CO.
212 E. Washington Ave., Madison 10, Wisconsin

Reeves Electronic Analog Computer (REAK): Electronic Servo Motors; Magnetic Resolvers; Aircraft Gyros; Gun Fire Control Systems.

REEVES INSTRUMENT CORP.
215 E. 91st St., New York, N. Y.

Servi-Cycle—A lightweight motorcycle.

SIMPLEX MFG. CORP.
540 N. Carrollton, New Orleans, La.

Dial and Strip Charts and Business Forms.

TECHNICAL CHARTS INCORPORATED
189 Van Rensselaer St., Buffalo, New York

Industrial Rubber Goods; Auto. & Industrial Brake Linings & Clutch Facings; All types Industrial Hose; Hydraulic Brake Parts and Fluid; V-Belts & Auto. Fan Belts; Conveyor & Transmission Belting; Asbestos Textiles.

THERMOLD COMPANY
Whitehead Road, Trenton, New Jersey

Pipe Wrenches; Pipe Cutters; Pipe Vises; Chain Wrenches; Monkey Wrenches.

TRIMONT MFG. CO.
(Div. of Aetna Industrial Corp.)
55-71 Amory Street, Roxbury (Boston), Mass.

Ventilating Fans; Unit Heaters; Copper Blast Coils; Steel Tanks; Heat Exchangers.

WESTERN BLOWER CO.
1800 Airport Way, Seattle 4, Wash.

Upset Forgings; Hammered Forgings; Rolled Forgings; Automotive Shafts; Industrial Shafts.

YORK AXLE AND FORGE CO.
Loucks Mill Road, York, Pennsylvania

AIR FORCE AND NAVAL AVIATION

Bushings, Drill Jig; Hardened and Ground Precision Parts; Button Dies and Piercing Punches; Special Micro Finished Parts; Special Wear Resistant Bushings.

ACCURATE BUSHING CO.
443 North Avenue, Garwood, New Jersey

Life Raft Oars, Aluminum Castings and machining thereon. Fabrication of aluminum tube sheet products. Fabrication of steel tube and sheet products. Beading and swaging of steel and aluminum tubing.

AKRON PREFORM MOLD COMPANY
2038 Main Street, Cuyahoga Falls, Ohio

Nuts, strut and wheel; Locknuts, bearing; Lockwashers, bearing; Adapters, taper sleeve.

ALLIED MACHINE & ENGINEERING CORP.
130 Seventh St., N.W., New Philadelphia, Ohio

Coordinated Engineered Conveyor Systems; Stackers; Industrial Washing Equipment; Pot & Pan Washers for Institutions & Restaurants; Portable Conveyors.

ALVEY-FERGUSON COMPANY
75 Disney Street, Cincinnati 9, Ohio

Radar Antennae and Mounts, Mechanisms; Jet Engine Parts and Sub-assemblies; Aircraft Parts and Fittings; Automatic Machinery and Sub-assemblies; Fire Control Mechanisms.

AMERICAN MACHINE & FOUNDRY CO.
511 Fifth Avenue, New York 17, N. Y.

Ankoseal:—Telephone Cables; Power Cables; Control Cables; Radio Hookup Wires; Specialty Control Cables.

THE ANSONIA ELECTRICAL COMPANY
63 Main Street, Ansonia, Conn.

Power Conveyors; Gravity Conveyors; Hand Trucks; Platform Skids; Infrared Equipment.

BEARING AND TRANSMISSION CO.
408 Walnut St., Findlay, Ohio

Coated Abrasives (Sandpaper); Oil-stones and Abrasive Specialties; Non-slip Media.

BEHR MANNING CORP.
Troy, New York

Cushions—All Types; Hydraulic Suspension Seats; Canvas Leather Products; Bucket Seats; Seat Pads.

BOSTROM MFG. COMPANY
133 W. Oregon Street, Milwaukee 4, Wisconsin

Floor Brush Handles; Push and Street Broom Handles; Deck Scrub Handles.

THE BRYAN HANDLE CO.
W. Trevitt St., Bryan, Ohio

Genuine Wrought Iron Pipe.

A. M. BYERS COMPANY
Pittsburgh, Pa.

Cranes—Portable, Shop & Truck; Tire Tools (Bead Breakers); Bearing Removers; Motor Block Stands; Truck Steps.

CAM TOOL CO., INC.
288-21st Street, Oakland, California

Valve Facing Machines; Valve Seat Grinders; Valve Seat Insert Tools; Cylinder Boring Machines; Align Boring Machines; Piston Grinders.

CEDAR RAPIDS ENGINEERING CO.
902 17th Street Northeast, Cedar Rapids, Iowa

Cloth Coatings; Airplane Dopes; Insulated Wire Coating; Nitro Cellulose Dopes; Plastisols, Organosols.

CHEMICAL PRODUCTS CORP.
King Philip Rd., East Providence, R. I.

All Aluminum Oil Coolers and Heat Transfer Units for Turbo-Jet, Prop-Jet, and Internal Combustion Aircraft Engines.

Hydraulically - Formed Bellows and Bellows Assemblies for Pressure and Temperature Controls in Aircraft Instruments.

CLIFFORD MANUFACTURING COMPANY
Grove St., Waltham 54, Mass.
Division of Standard-Thomson Corporation
Offices in New York, Detroit, Chicago, Los Angeles

Pro-Seal Flame Spray Coatings for Cavitation and Corrosion Resistance; Pro-Seal Chromated Gasketing Felts; Pro-Seal Sealants for Aircraft Structures; Pro-Seal Sealants for Ordnance Equipment; Pro-Seal Preservation Sealants & Compounds.

COAST PAINT AND CHEMICAL CO.
1507 Grande Vista Ave., Los Angeles 23, Calif.

Camera Equipment (Lithographic); Vacuum Printing Frames; Plate Graining Equipment (Lithographic); Photo Engraving Equipment; Lithographic Platemaking Equipment.

CONSOLIDATED PHOTO ENGRAVERS AND LITHOGRAPHIC EQUIPMENT CO.
2446 W. North Avenue, Chicago, Illinois
205 W. 19th St., New York City, N. Y.

Heat Treatment of All Steels; Controlled Atmosphere Furnaces; Salt Baths for Hi-Speed Steels; Precision Hardness Inspection; Liquid Honing and Sandblasting.

COOK HEAT TREATING CORP.
5934 Alcoa Avenue, Los Angeles 11, Calif.

Steel, Stainless; Steel, High Speed; Steel, Tool; Steel, Alloy and Machinery; Steel, Special Purpose.

CRUCIBLE STEEL COMPANY OF AMERICA

405 Lexington Avenue, New York 17, N. Y.
Branches, Warehouses and Distributors in Principal Cities. Consult your telephone or Thomas' Register for nearest office.

Domestic Sliced Veneers; Imported Sliced Veneers; African Mahogany Lumber; Honduras Mahogany Lumber; Miscellaneous Hardwood Veneer and Lumber.

THE DEAN COMPANY

666 Lake Shore Drive, Chicago 11, Illinois

DINOGRAPHIC Safety Film (vinyl base); DINOBASE (vinyl sheeting); DINOLEOFT Photo Transfer — for metal sensitizing; Aircraft Insignia and decalcomania; Aluminum Primer N-33.

THE DI-NOC COMPANY

1700 London Road, Cleveland 12, Ohio

Designers and Builders of Tools, Jigs, Fixtures and Special Machinery.

DOUGLAS TOOL COMPANY

4607 Woodward Avenue, Detroit 1, Michigan

DC 4, Silicone Compound for sealing ignition systems and disconnectable junctions; DC Silicone Greases for ball bearings operating at abnormally high and low temperatures; DC Silicone Electrical Insulation for increased life and power per pound ratio in electrical equipment; Silastic, Dow Corning Silicone Rubber useful at -130° to 500° F.

DOW CORNING CORPORATION

Midland, Michigan

Miniature and Candelabra Size Screw and Bayonet Lamp Holders; Signal Lights for Instrument Panels.

DRAKE MANUFACTURING CO.

1713 W. Hubbard St., Chicago, Ill.

Turbine-Driven Axial Flow Compressors; Steel Radar Towers and Structures; Precision Centrifugal and Reciprocating Pumps; Guided Missile Launchers; Complete Oil and Water Well Drilling Equipment.

DRESSER INDUSTRIES, INC.

1130 Terminal Tower, Cleveland 13, Ohio

Engine Driven D. C. Generators; Engine Driven A. C. Alternators; Inverters; Dynamotors; D. C. Motors.

EICOR INC.

1501 W. Congress, Chicago 7, Illinois

Self-locking Nuts.

ELASTIC STOP NUT CORP. OF AMERICA
2330 Vauxhall Road, Union, New Jersey

Axles; Portable Mountings; Trailers Industrial and Highway; Wagons; Wheels — Industrial and Agricultural.

ELECTRIC WHEEL COMPANY

2800 Locust Street, Quincy, Illinois

Sponge Rubber Sheets to Spec.; Sponge Rubber Strips to Spec.; Sponge Rubber Gaskets to Spec.; Molded Sponge and Solid Rubber and Tubing.

ELMHURST RUBBER CO., INC.

79-48 Albion St., Elmhurst, L. I., New York

Aircraft Skis; Floats; Amphibious Gear; Designers of Special Undercarriages.

FEDERAL AIRCRAFT WORKS

3456 North Mississippi Drive, Minneapolis, Minn.

Metal Cans; Metal Stampings; Metal Specialties; Miscellaneous Metal Items to Specifications.

FEDERAL TIN CO. INC.

Charles & Barre Sts., Baltimore 2, Md.

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

Air Force and Naval Aviation (Continued)

FIRE ALARM SYSTEMS—MANUEL; POLICE SIGNALING SYSTEMS; AUTOMATIC FIRE DETECTION SYSTEMS; AIR RAID ALARM SYSTEMS; EMERGENCY SIGNALING SYSTEMS—SPECIAL.

THE GAMEWELL COMPANY
1238 Chestnut Street, Newton Upper Falls 64, Mass.

Polishes; Cleaners; Insecticides; Fuel Tablets; Shoe Dressings; Mops; Oils; Waxes.

GEM PRODUCTS, INC.
24 West Florida Street, Milwaukee 4, Wisconsin

MEAT SLICING MACHINES; COMPUTING SCALES; MEAT GRINDERS.

GLOBE SLICING MACHINE CO., INC.
24 Selleck St., Stamford, Conn.

Bronze Tablets; Bronze and Non-Ferrous Metal Castings; Fabricated Micro Wave Guide Assemblies; Fabricated Bronze Work; Silver Polish.

THE GORHAM COMPANY
333 Adelaide Ave., Providence 7, R. I.

WOODEN BARRELS; WOODEN KEGS; STEEL DRUMS; PLYWOOD DRUMS, FIBRE DRUMS.

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

Hydraulic, Pneumatic, Fuel, Electrical, and Heat and Vent Equipment for Aircraft.

HYDRO-AIRE, INC.
3000 Winona, Burbank, California

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
Chase City, Virginia

Upholstery Fabrics; Imitation Leathers; Genuine Leathers; Foam Rubber; Upholstery Supplies.

LA FRANCE INDUSTRIES
119 W. 40th Street, New York 18, N. Y.

Lea Compound; Learok; Ad-Lea-Sive; Plating Racks (Manufacture, Design, Installation)—Vinylea Coated; Plastic Coatings.

LEA MFG. CO.
16 Cherry Ave., Waterbury, Conn.

Actuators—Linear and Rotary; Power Units—AC and DC; Motors and Generators—AC and DC; Screwjacks; Flexible Shafting; Automatic Pilot; Gyro Instruments and Systems; Servo and Automatic Control Systems; Automatic Direction Finder and Receiver; Pumps, Motor Driven—Fuel, Oil, Air, Water; Valves, Regulator—Air, Water.

LEAR INC.
110 Ionia Ave. N.W., Grand Rapids 2, Michigan

Castings, Alloy and Steel; Castings, Armored; Castings, Aircraft (including Turbo-Superchargers).

LEBANON STEEL FOUNDRY
Front and Lehman Sts., Lebanon, Penna.

Heavy Duty Automotive, Industrial Clutches; Production Lathes; Pneumatic Bar Feeders; Portable Power Hack Saws; Contract Machine & Assembly Work.

LIPE-ROLLWAY CORP.
806 Emerson Ave., P. O. Box 1106, Syracuse, N. Y.

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.
200 South Harding Street, Indianapolis 7, Indiana

ASME Pressure Vessels; API Storage Tanks; Stainless Steel Storage Vessels; Copper-Alloy Storage Vessels; Misc. Plate Fabricating.

NATIONAL TANK & MFG. CO.
Box 4738 Florence Boulevard, Los Angeles 1, Calif.

Constant Delivery Type Aircraft Hydraulic Pump; Variable Delivery Type Aircraft Hydraulic Pump.

THE NEW YORK AIR BRAKE CO.
420 Lexington Avenue, New York 17, N. Y.

Power Presses; Shears, Foot and Power; Machines for Plate and Sheet Metal Working; Presses, Hydraulic; Welding Machines, Electronic Automatic.

NIAGARA MACHINE AND TOOL WORKS
683 Northland Avenue, Buffalo 11, New York

Nuts & Machine Parts for—Aircraft, Automobiles, Machinery.

THE RAUSCH NUT & MFG. CO.
869 East 140th St., Cleveland 10, Ohio

Reeves Electronic Analog Computer (REAK): Electronic Servo Motors; Magnetic Resolvers; Aircraft Gyros; Gun Fire Control Systems.

REEVES INSTRUMENT CORP.
215 E. 91st St., New York, N. Y.

Capacitors, All Types; Resistors, Wire Wound & Composition; Pulse Forming Networks; Ceramic Insulated Copper Wire; Radio Noise Filters.

SPRAGUE ELECTRIC CO.
Beaver Street, North Adams, Mass.

Flexible Plastics; Tubing, Insulated Wire, Cable, Tape and Cords.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Dial and Strip Charts and Business Forms.

TECHNICAL CHARTS INCORPORATED
189 Van Rensselaer St., Buffalo, New York

Industrial Rubber Goods; Auto. & Industrial Brake Linings & Clutch Facings; All types Industrial Hose; Hydraulic Brake Parts and Fluid; V-Belts & Auto. Fan Belts; Conveyor & Transmission Belting; Asbestos Textiles.

THERMOID COMPANY
Whitehead Road, Trenton, New Jersey

Pipe Wrenches; Pipe Cutters; Pipe Vises; Chain Wrenches; Monkey Wrenches.

TRIMONT MFG. CO.
(Div. of Aetna Industrial Corp.)
55-71 Amory Street, Roxbury (Boston), Mass.

25 Watt Soldering Irons; Electric Soldering Pencils to A. F. Spec. 41261; Type O Soldering Irons Spec. W. I. 681 a.

UNGAR ELECTRIC TOOLS, INC.
615 Ducommun Street, Los Angeles 54, California

Ventilating Fans; Unit Heaters; Copper Blast Coils; Steel Tanks; Heat Exchangers.

WESTERN BLOWER CO.
1800 Airport Way, Seattle 4, Wash.

NAVAL STORES AND MISCELLANEOUS SUPPLIES FOR NAVY YARDS AND STATIONS

Life Raft Oars, Aluminum Castings and machining thereon. Fabrication of aluminum tube sheet products. Fabrication of steel tube and sheet products. Beading and swedging of steel and aluminum tubing.

AKRON PREFORM MOLD COMPANY
2038 Main Street, Cuyahoga Falls, Ohio

Coordinated Engineered Conveyor Systems; Stackers; Industrial Washing Equipment; Pot & Pan Washers for Institutions & Restaurants; Portable Conveyors.

ALVEY-FERGUSON COMPANY
75 Disney Street, Cincinnati 9, Ohio

Ankoseal:—Telephone Cables; Power Cables; Control Cables; Radio Hookup Wires; Specialty Control Cables.

THE ANSONIA ELECTRICAL COMPANY
63 Main Street, Ansonia, Conn.

Forged Steel and Alloy Pipe Flanges; Fabricators High Pressure and Temperature Piping Systems.

ASSOCIATED PIPING & ENGINEERING CO., INC.
P. O. Box 590, 1373 W. Compton Blvd.
Compton, California

Industrial Finishes: Lacquers, Enamels, and Synthetics.

ATLAS POWDER COMPANY
Stamford, Connecticut
North Chicago, Illinois

Lathes; Drill Presses; Bench Milling Machines; Bench-Type Shapers; Circular Saws.

ATLAS PRESS COMPANY
1938 N. Pitcher, Kalamazoo, Michigan

Screws, Nuts, Bolts, Washers; Screw Machine Products; Metal Stampings; Threaded Studs Including "J" & "U" Bolts; Complete Facilities of Assembly and Component Parts.

ATLAS SCREW AND SPECIALTY CO.
450 Broome St., New York, N. Y.

Coated Abrasives (Sandpaper); Oil-Stones and Abrasive Specialties; Non-slip Media.

BEHR MANNING CORP.
Troy, New York

Cooks and Messmen coats; Barber Uniforms and Haircloths; Waitress Uniforms; Aprons, Trouzers, etc. Request Catalog.

BEST COAT AND APRON MFG. CO., INC.
408 East 59th Street, New York City 22, N. Y.

Cushions—All Types; Hydraulic Suspension Seats; Canvas Leather Products; Bucket Seats; Seat Pads.

BOSTROM MFG. COMPANY
133 W. Oregon Street, Milwaukee 4, Wisconsin

Floor Brush Handles; Push and Street Broom Handles; Deck Scrub Handles.

THE BRYAN HANDLE CO.
W. Trevitt St., Bryan, Ohio

Aluminum Vacuum Coffee Makers; Aluminum Dutch Ovens; Aluminum Chicken Fryers; Aluminum Sauce Pans; Aluminum Coffee Makers — All Types.

BUCKEYE ALUMINUM COMPANY
770 Spruce Street, Wooster, Ohio

Essential Oils; Oil Lemon California; Oil Orange California; Fruit Flavors; Citrus Fruit Juices.

W. J. BUSH & CO., INC.
11 East 38th St., New York 16, N. Y.

Genuine Wrought Iron Pipe.

A. M. BYERS COMPANY
Pittsburgh, Pa.

Cranes—Portable, Shop & Truck; Tire Tools (Bead Breakers); Bearing Removers; Motor Block Stands; Truck Steps.

CAM TOOL CO., INC.
288-21st Street, Oakland, California

Jigs—Standard; Jigs—Special; Index Tables; Locks—Automatic—Cam.

CLEVELAND UNIVERSAL JIG CO.
13404 St. Clair Avenue, Cleveland 10, Ohio

Clorox, Liquid Bleach and Household Disinfectant. An Exclusive Patented Quality Product Free from Caustic.

CLOROX CHEMICAL COMPANY
General Offices: 850 42nd Ave., Oakland 1, Calif.

Pro-Seal Flame Spray Coatings for Cavitation and Corrosion Resistance; Pro-Seal Chromated Gasketing Felts; Pro-Seal Sealants for Aircraft Structures; Pro-Seal Sealants for Ordnance Equipment; Pro-Seal Preservation Sealants & Compounds.

COAST PAINT AND CHEMICAL CO.
1507 Grande Vista Ave., Los Angeles 23, Calif.

Camera Equipment (Lithographic); Vacuum Printing Frames; Plate Graining Equipment (Lithographic); Photo Engraving Equipment; Lithographic Platemaking Equipment.

CONSOLIDATED PHOTO ENGRAVERS AND LITHOGRAPHIC EQUIPMENT CO.
2646 W. North Avenue, Chicago, Illinois
205 W. 19th St., New York City, N. Y.

Steel, Stainless; Steel, High Speed; Steel, Tool; Steel, Alloy and Machinery; Steel, Special Purpose.

CRUCIBLE STEEL COMPANY OF AMERICA
405 Lexington Avenue, New York 17, N. Y.

Branches, Warehouses and Distributors in Principal Cities. Consult your telephone or Thomas' Register for nearest office.

Domestic Sliced Veneers; Imported Sliced Veneers; African Mahogany Lumber; Honduras Mahogany Lumber; Miscellaneous Hardwood Veneer and Lumber.

THE DEAN COMPANY
666 Lake Shore Drive, Chicago 11, Illinois

"DEEPFREEZE" Home Freezers (For Freezing and Storage of Foods of All Types, and Medical Supplies).

**DEEPFREEZE DIVISION
MOTOR PRODUCTS CORPORATION**
2301 Davis Street, North Chicago, Illinois

DC 4, Silicone Compound for sealing ignition systems and disconnectable junctions; DC Silicone Greases for ball bearings operating at abnormally high and low temperatures; DC Silicone Electrical Insulation for increased life and power per pound ratio in electrical equipment; Silastic, Dow Corning Silicone Rubber useful at -130° to 500° F.

DOW CORNING CORPORATION
Midland, Michigan

Miniature and Candelabra Size Screw and Bayonet Lamp Holders; Signal Lights for Instrument Panels.

DRAKE MANUFACTURING CO.
1713 W. Hubbard St., Chicago, Ill.

Axes; Portable Mountings; Trailers—Industrial and Highway; Wagons; Wheels—Industrial and Agricultural.

ELECTRIC WHEEL COMPANY
2800 Locust Street, Quincy, Illinois

Jersey Dress Fabrics; Ladies' Underwear.

FAIRY SILK MILLS, INC.
South Sterley, Shillington, Pennsylvania

Lumber; Sugar Pine; Ponderosa Pine; White Fir; Douglas Fir.

FEATHER RIVER PINE MILLS INC.
P. O. Drawer F, Feather Falls, Calif.

Metal Cans; Metal Stampings; Metal Specialties; Miscellaneous Metal Items to Specifications.

FEDERAL TIN CO. INC.
Charles & Barre Sts., Baltimore 2, Md.

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

Naval Stores and Misc. Supplies for Navy Yards and Stations (Continued)

Toothpicks; Clothespins; Wood Forks and Spoons; Rolling Pins; Tongue Depressors, Applicators.

FORSTER MFG. CO., INC.
79 Main, Farmington, Maine

Polishes; Cleaners; Insecticides; Fuel Tablets; Shoe Dressings; Mops; Oils; Waxes.

GEM PRODUCTS, INC.
234 West Florida Street, Milwaukee 4, Wisconsin

Gillette Blue Blades; Thin Gillette Blades; Gillette Razors; Gillette Shaving Cream; Valet Autostrop Razors and Blades.

GILLETTE SAFETY RAZOR COMPANY
15 West First Street, Boston 6, Mass.

Wooden Barrels; Wooden Kegs; Steel Drums; Plywood Drums, Fibre Drums.

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

Genuine IWAN Post Hole & Well Auger; IWAN-Atlas Post Hole Digger; IWAN-Hercules Post Hole Digger; IWAN-Gibbs Post Hole Digger; IWAN Snow Pusher.

IWAN BROTHERS, INC.
1501-1505 Prairie Ave., South Bend 14, Indiana

Wax, Floor, Water Emulsion; Wax, Floor, Liquid & Paste; Polish, Metal; Polish, Furniture; Polish, Automobile Liquid & Paste; Detergents, Special for Machine Dishwashing and manual cleaning; Shampoo for Hair and Body; Hand Soaps, Liquid.

JACKSON CHEMICAL CO.
29 West Kinzie Street, Chicago 10, Illinois

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
Chase City, Virginia

Ice Cans and Ice Can Fillers; Ice Can Group Frames; Core Fillers and Suckers for Ice; Fish Freezing Pans and Trucks; Frozen Food Lockers.

KNICKERBOCKER STAMPING CO.
Parkersburg, W. Va.

Asbestos — All Types and Products; Asbestos Cloth and Textiles; Asbestos Paper and Millboard; Masonite Benelex and Die Stock; Ebonized Asbestos; Monobestos or Transite.

LADDEN ASBESTOS CORP.
185 Court St., Brooklyn 2, N. Y.

Upholstery Fabrics; Imitation Leathers; Genuine Leathers; Foam Rubber; Upholstery Supplies.

LA FRANCE INDUSTRIES
119 W. 40th Street, New York 18, N. Y.

Valve Seat Insert Tool; Valve Seat Grinder; Valve Refacer; Connecting Rod Aligner; Hone and Reamer Drive; Adjustable Reamers; Stud Wrenches; Wheel Dressers; Drill Chucks (keyless); Expanding Mandrels; Portable Drills (Electric); A.C. Arc Welders; Universal Tool Grinders; Carbide Tool Grinders.

K. O. LEE COMPANY
1110 First Ave. S. E., Aberdeen, S. D.

Heavy Duty Automotive, Industrial Clutches; Production Lathes; Pneumatic Bar Feeds; Portable Power Hack Saws; Contract Machine & Assembly Work.

LIPE-ROLLWAY CORP.
806 Emerson Ave., P. O. Box 1106, Syracuse, N. Y.

Diesel Engines; Diesel Generator Units; Diesel Pumping Units; Diesel Lighting Units; Diesel Powered Compressors.

LISTER-BLACKSTONE, INC.
420 Lexington Avenue, New York 17, N. Y.

Pans; Bake and Roast Pans; Bread, Cake and Muffin Pans.

LOCKWOOD MFG. CO.
3170 Wason Road, Cincinnati 8, Ohio

Lumite Insect Screen Cloth; Lumite Woven Saran Fabric.

LUMITE DIVISION—CHICOPEE MFG. CORP. OF GEORGIA
47 Worth St., New York 13, N. Y.

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.

200 South Harding Street, Indianapolis 7, Indiana

WHITE CROSS Toasters, Irons, Waffle Irons, Sandwich Toasters, and Hotplates.

NATIONAL STAMPING & ELECTRIC WORKS
3250 West Lake Street, Chicago 24, Illinois

ASME Pressure Vessels; API Storage Tanks; Stainless Steel Storage Vessels; Copper-Alloy Storage Vessels; Misc. Plate Fabricating.

NATIONAL TANK & MFG. CO.
Box 4738 Florence Boulevard, Los Angeles 1, Calif.

Power Presses; Shears, Foot and Power; Machines for Plate and Sheet Metal Working; Presses, Hydraulic; Welding Machines, Electronic Automatic.

NIAGARA MACHINE AND TOOL WORKS
683 Northland Avenue, Buffalo 11, New York

Great Western Champagne; Great Western Still Wines — Port, Sherry, Sauternes, Claret, Burgundy, Etc.; Great Western Vermouth, Sweet & Dry.

THE PLEASANT VALLEY WINE CO.
Rheims, Hammondsport, New York

Ray-O-Vac Leakproof Flashlight Batteries; Ray-O-Vac Flashlight Cases; Ray-O-Vac Radio Batteries.

RAY-O-VAC CO.
212 E. Washington Ave., Madison 10, Wisconsin

Capacitors, All Types; Resistors, Wire Wound & Composition; Pulse Forming Networks; Ceramic Insulated Copper Wire; Radio Noise Filters.

SPRAGUE ELECTRIC CO.
Beaver Street, North Adams, Mass.

Metal Cutting Tools; Drills; Reamers; Taps; Milling Cutters.

STANDARD TOOL CO.
6918 Central Ave., Cleveland 4, Ohio

Flexible Plastics; Tubing, Insulated Wire Cable, Sheeting and Tape.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Dial and Strip Charts and Business Forms.

TECHNICAL CHARTS INCORPORATED
189 Van Rensselaer St., Buffalo, New York

Industrial Rubber Goods; Auto. & Industrial Brake Linings & Clutch Facings; All types Industrial Hose; Hydraulic Brake Parts and Fluid; V-Belts & Auto. Fan Belts; Conveyor & Transmission Belting; Asbestos Textiles.

THERMOID COMPANY
Whitehead Road, Trenton, New Jersey

Pipe Wrenches; Pipe Cutters; Pipe Vises; Chain Wrenches; Monkey Wrenches.

TRIMONT MFG. CO.
(Div. of Actna Industrial Corp.)
55-71 Amory Street, Roxbury (Boston), Mass.

Ventilating Fans; Unit Heaters; Copper Blast Coils; Steel Tanks; Heat Exchangers.

WESTERN BLOWER CO.
1800 Airport Way, Seattle 4, Wash.

POST EXCHANGE & SHIPS SERVICE STORES SUPPLIES

Life Raft Oars, Aluminum Castings and machining thereon. Fabrication of aluminum tube sheet products. Fabrication of steel tube and sheet products. Beading and swedging of steel and aluminum tubing.

AKRON PREFORM MOLD COMPANY
2038 Main Street, Cuyahoga Falls, Ohio

Hair Clippers (Electric); Hair Clippers (Hand Operated); Shaving Lather Machines; Animal Clippers (Electric); Hand Trucks.

ALLOVER MFG. CO.
1745 Flett Ave., Racine, Wis.

Webster, NEW HANDY DICTIONARY, \$8.00 list; Webster, STUDENTS DICTIONARY, Indexed, \$4.12; Bridgeman, BASIC SONGS FOR MALE VOICES, A Cappella Edition, \$2.88, Accompanied Edition, \$3.36; Wirth, UNITED STATES HISTORY, \$3.48; Riemer and Liebling, AN INTENSIVE COURSE IN TYPEWRITING, \$1.00.

AMERICAN BOOK COMPANY
88 Lexington Avenue, New York 16, N. Y.

PALL MALL Cigarettes; LA CORONA Cigars; ANTONIO y CLEOPATRA Cigars.

AMERICAN CIGARETTE & CIGAR CO.
111 5th Avenue, New York 3, N. Y.

Sc cello bag "ROLD GOLD" Twisted Pretzels; 10c cello bag "ROLD GOLD" Twisted Pretzels; 6-oz. pkg. "ROLD GOLD" Twisted Pretzels; 10-oz. cello bag "ROLD GOLD" Twisted Pretzels; 7 1/4-oz. pkg. "ROLD GOLD" Butter Sticks.

AMERICAN CONE AND PRETZEL COMPANY
10th and Susquehanna Avenue, Philadelphia 22, Pa.

AMERICAN GREETING CARDS for all occasions. Complete service with display cabinets, holiday racks.

AMERICAN GREETING PUBLISHERS, INC.
1300 West 78 St., Cleveland 2, Ohio

Jams, Jellies and Preserves; Table Syrups; Canned Beef Stew; Canned Chili; Canned Creole Sauce.

AMERICAN SYRUP AND PRESERVE CO.
434 Houston St., Nashville 10, Tenn.

Cigarettes—LUCKY STRIKE, HERBERT TAREYTON; Tobaccos—HALF & HALF, BULL DURHAM; Cigars—ROI TAN.

AMERICAN TOBACCO CO.
111 Fifth Avenue, New York 3, New York

ARMAND Hand Cream; Brisk (No Brush) Shave Cream; Brisk After Shave Lotion.

ARMAND COSMETICS
124 Des Moines St., Des Moines, Iowa

Cream, Sterilized, Stabilized (AVOSET); Milk, Whole, Sterilized, Stabilized (AVO).

AVOSET COMPANY

38 First Street, San Francisco, Calif.

Philippine Hand-made Infant Dresses, Creepers, Boys Suits, Sun Suits, Toddlers.

E. AWAD & SONS, INC.

1333 Broadway, New York, N. Y.

Cooks and Messmans coats; Barber Uniforms and Haircloths; Waitress Uniforms; Aprons, Trousers, etc. Request Catalog.

BEST COAT AND APRON MFG. CO., INC.
408 East 59th Street, New York City 22, N. Y.

Photographic Supplies; All Metal Reel Chests; All Metal Slide Files; Contact Printers. (Army PX Approval—HJ-575. Navy Approval—NSSO-2224 Dept. B1.)

BRUMBERGER CO., INC.

34 34th Street, Brooklyn 32, N. Y.

Aluminum Vacuum Coffee Makers; Aluminum Dutch Ovens; Aluminum Chicken Fryers; Aluminum Sauce Pans; Aluminum Coffee Makers — All Types.

BUCKEYE ALUMINUM COMPANY
770 Spruce Street, Wooster, Ohio

Casper Maraschino Cherries (Red-green, with and without stems); Mrs. Simms pancake and table syrups.

CASTLE PRODUCTS CO.

491-5 Lyons Ave., Irvington 11, New Jersey

Grinders, Meat; Cutters, Meat; Mixers; Stuffers, Sausage; Rollers, Meat.

THE CINCINNATI BUTCHERS SUPPLY CO.
P. O. Box 6, Elmwood Place, Cincinnati 16, Ohio

Clorox, Liquid Bleach and Household Disinfectant. An Exclusive Patented Quality Product Free from Caustic.

CLOROX CHEMICAL COMPANY

General Offices: 850 42nd Ave., Oakland 1, Calif.

Cocktail Specialties; Fancy Olives; Maraschino Cherries; Anchovies; Cocktail Sausages.

CRESCA CO., INC.

111 8th Avenue, New York 11, N. Y.

Popcorn Machines.

C. CRETORS & CO.

620 W. Cermak Road, Chicago 16, Ill.

Energine Lighter Fluid; Energine Cleaning Fluid; Energine Shoe White.

THE CUMMER COMPANY DIV.

22 High Street, Brattleboro, Vt.

Davidson Star-D Slide Projectors; Davidson Multi-Cam Tri-Pods; Davidson Mark 245 Spotting Scopes; Davidson Photo & Optical Accessories.

DAVIDSON MFG. COMPANY

5146 Alhambra Ave., Los Angeles 32, Calif.

Musical Powder Boxes; Musical Gift Items; Musical Cigarette and Card Boxes; Smokers Pipe Racks and Humidors.

DECATUR INDUSTRIES, INC.

209-211 S. Eighth St., Decatur, Indiana

"DEEPFREEZE" Home Freezers (For Freezing and Storage of Foods of All Types, and Medical Supplies).

DEEPFREEZE DIVISION

MOTOR PRODUCTS CORPORATION

2301 Davis Street, North Chicago, Illinois

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

Post Exchange and Ships Service (Continued)

**Embro Brand Popcorn packed in 100#
Bags and 10-oz. Cans, Yellow and
White Varieties.**

EMBRO POPCORN COMPANY
1020 South 4th Street, St. Louis 4, Mo.

**Carbon Paper, File Folders; Looseleaf
Binders; Memo Pads; Adding Machine
Rolls.**

ENNIS TAG & SALESBOOK CO.
214 W. Knox Street, Ennis, Texas

**PAN-CAKE MAKE-UP—Amber No.
1, No. 2, Amber-Rose, Cream No. 1, No.
2, Cream-Rose, Tan No. 1, No. 2, Tan-
Rose, Natural No. 1, No. 2, Natural-
Rose. FACE POWDER—Amber No.
1, No. 2, Amber-Rose, Brunette, Olive
No. 2, Rachelle No. 2, Summer Tan No.
2, Flesh, Natural, Natural-Rose, Ochre,
Olive, Rachelle, Rachelle-Rose, Sum-
mer Tan, Tan-Rose, White. PAN-STIK
MAKE-UP—Fair, Medium, Natural,
Olive, Deep Olive, Natural Tan, Gold-
en Tan. ROUGE—Clear Red No. 1,
No. 2, No. 3, Blue Red No. 1, No. 2,
No. 3, Rose Red No. 1, No. 2, No. 3,
Flame, Blondeen, Carmine, Raspberry.
**MAX FACTOR HOLLYWOOD LIP-
STICKS**—Clear Red No. 1, No. 2, No.
3, Blue Red No. 1, No. 2, No. 3, Rose
Red No. 1, No. 2, No. 3.**

MAX FACTOR & CO.
1666 N. Highland Ave., Hollywood 28, Calif.

**Jersey Dress Fabrics;
Ladies' Underwear.**

FAIRY SILK MILLS, INC.
South Sterley, Shillington, Pennsylvania

**Metal Cans; Metal Stampings; Metal
Specialties; Miscellaneous Metal
Items to Specifications.**

FEDERAL TIN CO. INC.
Charles & Barre Sts., Baltimore 2, Md.

**Leather Wax Dressing (neutral, brown
and black); Saddle Soap (yellow and
white); #131 Cordovan & #1 Black
Shoe Dyes; Leather Preserver (dark
and light); Prime Neatsfoot Oil Com-
pound.**

FIEBING CHEMICAL CO.
516 S. 2nd St., Milwaukee 4, Wis.

**Hosiery for Men, Women and Children
"JEFFERIES HOSIERY."**

THE FOGLERMAN-JEFFERIES CORP.
Burlington, N. C.

**Toothpicks; Clothespins; Wood Forks
and Spoons; Rolling Pins; Tongue
Depressors, Applicators.**

FORSTER MFG. CO., INC.
79 Main, Farmington, Maine

**Polishes; Cleaners; Insecticides; Fuel
Tablets; Shoe Dressings; Mops; Oils;
Waxes.**

GEM PRODUCTS, INC.
234 West Florida Street, Milwaukee 4, Wisconsin

**Gillette Blue Blades; Thin Gillette
Blades; Gillette Razors; Gillette Shav-
ing Cream; Valet Autostrop Razors
and Blades.**

GILLETTE SAFETY RAZOR COMPANY
15 West First Street, Boston 6, Mass.

**Meat Slicing Machines; Computing
Scales; Meat Grinders.**

GLOBE SLICING MACHINE CO., INC.
224 Selleck St., Stamford, Conn.

**Wooden Barrels; Wooden Kegs; Steel
Drums; Plywood Drums, Fibre Drums.**

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

**Manicure Implements; Manicure and
Cutlery Sets; Scissors Sets; Scissors
and Shears; Pinking Shears.**

GRIFFON CUTLERY WORKS, INC.
151 West 19th Street, New York 11, N. Y.

**Wax, Floor, Water Emulsion; Wax,
Floor, Liquid & Paste; Polish, Metal;
Polish, Furniture; Polish, Automobile
Liquid & Paste; Detergents, Special
for Machine Dishwashing and manual
cleaning; Shampoo for Hair and Body;
Hand Soaps, Liquid.**

JACKSON CHEMICAL CO.
29 West Kinzie Street, Chicago 10, Illinois

**Lumber; Box Shooks and Crates;
Nailed Up Wooden Boxes; Pallets;
Excelsior.**

**JEFFEYS, SPAULDING MFG.
COMPANY, INC.**
Chase City, Virginia

**Johnson's Glo-Coat; Johnson's Paste
Wax; Johnson's Liquid Cleaning &
Polishing Wax; Johnson's Cream
Furniture Wax; Johnson's Carnu for
Automobiles.**

S. C. JOHNSON & SON, INC.
Racine, Wisconsin

**Judy Puzzle Inlays; Judy's Farms;
Judy's Alphabets; Judy Juniors;
Judy-ettes Puzzle Inlays.**

THE JUDY COMPANY
107 Third Avenue North, Minneapolis 1, Minn.

**Asbestos — All Types and Products;
Asbestos Cloth and Textiles; Asbestos
Paper and Millboard; Masonite Benelex
and Die Stock; Ebonized Asbestos;
Monobestos or Transite.**

LADDEN ASBESTOS CORP.
185 Court St., Brooklyn 2, N. Y.

**Upholstery Fabrics; Imitation Leathers;
Genuine Leathers; Foam Rubber;
Upholstery Supplies.**

LA FRANCE INDUSTRIES
119 W. 40th Street, New York 18, N. Y.

**Experimental Aircraft and Other Ex-
perimental Projects, Design and Build;
Electronic Automatic Checking and
Sorting Machines; Electronic Comparators,
Height Gages and Surface Finish
Comparators; New-Matic Measuring
Machines (Air Gages); A.G.D. Standard
Gages, Plugs, Rings, Plain or Thread,
A.G.D. Adjustable Snap Gages;
Special Gages and Special Machines.**

MERZ ENGINEERING CO.
200 South Harding Street, Indianapolis 7, Indiana

**PHILIP MORRIS cigarettes; MARLBORO,
Ivory, Beauty-tip and Plain cigarettes;
SPUD, Cork-tipped and Plain cigarettes;
REVELATION tobacco; BOND STREET tobacco.**

PHILIP MORRIS & CO., LTD., INC.
119 Fifth Ave., New York 3, N. Y.

**Neptune Outboard Motors; Jig Saw,
Slot and Ripper, Silent Type; Master
Automatic Coal Stokers; Marvair
Heat Pumps.**

MUNCIE GEAR WORKS, INC.
P. O. Box 1192, Muncie, Indiana

**PRESTO Vapor-Steam Iron; PRESTO
Autoclave (21 qt. Model); PRESTO
Pressure Saucers (Cast Aluminum)
3 qt., 4 qt., 6 qt., and Fry-Master
Models; PRESTO Pressure Saucers
(Stamped Aluminum) 3 qt., 4 qt., 6 qt.
Models; PRESTO Cooker-Canners
(Cast Aluminum) 12 qt., 16 qt., 21 qt.
Models.**

**NATIONAL PRESSURE COOKER
COMPANY**
Eau Claire, Wisconsin

**WHITE CROSS Toasters, Irons,
Waffle Irons, Sandwich Toasters,
and Hotplates.**

**NATIONAL STAMPING & ELECTRIC
WORKS**
3250 West Lake Street, Chicago 24, Illinois

**Nestle Colorinse; Nestle Bob Pins;
Nestle Baby Hair Treatment; Nestle
Superset; Nestle Lite.**

THE NESTLE-LE MUR COMPANY
Evansville Avenue, Meriden, Connecticut

**Ventilating Fans; Unit Heaters;
Copper Blast Coils; Steel Tanks;
Heat Exchangers.**

WESTERN BLOWER CO.
1800 Airport Way, Seattle 4, Wash.

**Upholstery Fabrics; Drapery Fabrics;
Curtain Fabrics; Slipcover Fabrics.**

WITCOMBE, McGEEACHIN & CO., INC.
509 Madison Avenue, New York 22, N. Y.

MEDICAL AND DENTAL SUPPLIES, HOSPITAL EQUIPMENT

**Baxter Intravenous Products; Sundry
Supplies; Hospital Equipment; Hos-
pital Furnishings; Laboratory Serums.**

**AMERICAN HOSPITAL SUPPLY
CORPORATION**
2020 Ridge Avenue, Evanston, Illinois

**Coated Abrasives (Sandpaper); Oil-
stones and Abrasive Specialties; Non-
slip Media.**

BEHR MANNING CORP.
Troy, New York

**Doctors Coats & Trousers; Hospital
Clothing such as: Operating Gowns,
Patient Gowns, Interne Uniforms, etc.;
Nurses Uniforms. Request Catalog.**

BEST COAT AND APRON MFG. CO., INC.
408 East 59th Street, New York City 22, N. Y.

Vitamin Oils & Capsules.

BIOPRODUCTS, OREGON, LTD.
Warrenton, Oregon

**BANDMASTER short wave diatherm;
MAJOR ELECTRO-SURGICAL
UNIT; BLENDTOME electro-surgical
unit; HYFRECATOR high frequency
unit; SPOT-QUARTZ local
ultra-violet lamp.**

THE BIRTCHER CORPORATION
5087 Huntington Drive, Los Angeles 32, Calif.

**Continentalair Iceless Oxygen Tent;
Canopies—All Types for All Makes
of Oxygen Tents; Oxygen Therapy
Equipment—All Types; Plastic and
Nylon Dishes and Tumblers; General
Hospital Supplies.**

CONTINENTAL HOSPITAL SERVICE
18636 Detroit Ave., Cleveland 7, (Lakewood) Ohio

**Novocain-Pontocaine-Cobefrin;
Novocain-Cobefrin;
Novocain-Cobefrin Alkalizing;
Novocain-Epinephrine;
Zephran Chloride.**

COOK-WAITE LABORATORIES, INC.
1450 Broadway, New York 18, N. Y.

**"DEEPFREEZE" Home Freezers
(For Freezing and Storage of Foods
of All Types, and Medical Supplies).**

**DEEPFREEZE DIVISION
MOTOR PRODUCTS CORPORATION**
2201 Davis Street, North Chicago, Illinois

**Ethicon Sutures, Tantalum; Bio-Sorb
Powder; Surgical Silk; Atraloc
Needles.**

ETHICON SUTURE LABORATORIES
Neilson and Hamilton Streets, New Brunswick, N. J.

FOR THE ATTENTION OF PURCHASING OFFICERS OF THE SERVICES

The Firms listed below, were carefully selected, have high standing in their respective lines, and deserve consideration. All purchasing officers are respectfully urged to take advantage of the opportunity business with them would offer for the Government.

**Medical and Dental Supplies,
Hospital Equipment
(Continued)**

Metal Cans; Metal Stampings; Metal Specialties; Miscellaneous Metal Items to Specifications.

FEDERAL TIN CO., INC.
Charles & Barre Sts., Baltimore 2, Md.

Toothpicks; Clothespins; Wood Forks and Spoons; Rolling Pins; Tongue Depressors, Applicators.

FORSTER MFG. CO., INC.
79 Main, Farmington, Maine

Meat Slicing Machines; Computing Scales; Meat Grinders.

GLOBE SLICING MACHINE CO., INC.
224 Selleck St., Stamford, Conn.

Wooden Barrels; Wooden Kegs; Steel Drums; Plywood Drums, Fibre Drums.

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

Amphetamine Phosphate Monobasic (Harvey); Guadine Solution (Analgesic Antiseptic for swab or spray); Harvadal Tablets (Analgesic sedative); Harvavrate Tablets (Atropine Methyl Nitrate); Oilzo (Triolein Ozonide in Olive Oil); Otho Derma (an aqueous emulsion of crude coal tar).

G. F. HARVEY COMPANY
5 Wells St., Saratoga Springs, N. Y.

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
Chase City, Virginia

Upholstery Fabrics; Imitation Leathers; Genuine Leathers; Foam Rubber; Upholstery Supplies.

LA FRANCE INDUSTRIES
119 W. 40th Street, New York 18, N. Y.

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.
200 South Harding Street, Indianapolis 7, Indiana

PRESTO Autoclave (21 qt. Model).

NATIONAL PRESSURE COOKER COMPANY
Eau Claire, Wisconsin

Mandelamine (Methenamine Mandelate).

NEPERA CHEMICAL CO., INC.
Nepera Park, Yonkers 2, New York

Unguentine; Zemacol; Unguentine Cones; Norforms; Pepto-Bismol; Amolin Deodorant Powder and Cream; Amolin Foot Powder; Ocusol; Nor-dex; Anestol Liquid Analgesic; Swav Shaving Cream — Regular and Brushless; Norolar; Nose Drops; Ammoniated Mercury, Blue, Boric Acid, Ichthammol, Mercuric Oxide, Sulphur, Whitfields, Zinc Oxide and Sulfathiazole Ointments; Baby Cough Syrup; Cherry Expectorant; Tar and White Pine; Tancre Cough Syrup; Aspirin; Saccharin; Hinkles, Podaphen and Thaloin Laxative Pills; Cascara, Fluid and Tablets; Z-L Mouth Wash; Cod Liver Oil; Milk of Magnesia; Sun Tan Lotion and Oil; Veen Douche Powder; NP-27 for Athlete's Foot; Insect Repellent.

THE NORWICH PHARMACAL COMPANY
Norwich, New York

Medical Books; Nursing Books; Dental Books; Scientific Books; Technical Books.

W. B. SAUNDERS COMPANY
West Washington Square, Philadelphia 5, Pa.

Pure Polyethylene and Nylon Tubing; Sheeting; Insulated Wire and Cable.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Polyethylene Tubing; Bags; Sheeting; Surfex Vinyl Plastics Flooring.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Dental Chairs; Dental Units; Dental X-Rays; Dental Cuspidors; Health & Rest Stools.

WEBER DENTAL CO.
2206—13th St. NE, Canton, Ohio

SIGNAL AND COMMUNICATION SUPPLIES AND EQUIPMENT

Radar Antennae and Mounts; Mechanisms; Moving Target Indicator; Training Aids—Mechanical and Electronic; Simulators—Electro-Mechanical; Video Mapping Equipment; Computers, Analog; Integrators.

AMERICAN MACHINE & FOUNDRY CO.
511 Fifth Avenue, New York 17, N. Y.

Ankoseal:—Telephone Cables; Power Cables; Control Cables; Radio Hookup Wires; Specialty Control Cables.

THE ANSONIA ELECTRICAL COMPANY
63 Main Street, Ansonia, Conn.

Coated Abrasives (Sandpaper); Oil-stones and Abrasive Specialties; Non-slip Media.

BEHR MANNING CORP.
Troy, New York

Cloth Coatings; Airplane Dopes; Insulated Wire Coating; Nitro Cellulose Dopes; Plastisols, Organosols.

CHEMICAL PRODUCTS CORP.
King Philip Rd., East Providence, R. I.

Davidson Star-D Slide Projectors; Davidson Multi-Cam Tri-Pods; Davidson Mark 245 Spotting Scopes; Davidson Photo & Optical Accessories.

DAVIDSON MFG. COMPANY
5146 Alhambra Ave., Los Angeles 32, Calif.

Domestic Sliced Veneers; Imported Sliced Veneers; African Mahogany Lumber; Honduras Mahogany Lumber; Miscellaneous Hardwood Veneer and Lumber.

THE DEAN COMPANY
666 Lake Shore Drive, Chicago 11, Illinois

DC 4, Silicone Compound for sealing ignition systems and disconnectable junctions; DC Silicone Greases for ball bearings operating at abnormally high and low temperatures; DC Silicone Electrical Insulation for increased life and power per pound ratio in electrical equipment; Silastic, Dow Corning Silicone Rubber useful at —130° to 500° F.

DOW CORNING CORPORATION
Midland, Michigan

Miniature and Candelabra Size Screw and Bayonet Lamp Holders; Signal Lights for Instrument Panels.

DRAKE MANUFACTURING CO.
1713 W. Hubbard St., Chicago, Ill.

Mobile Receivers; Aircraft Receivers.

ECKSTEIN RADIO & TELEVISION CO.
LeRoy, Minnesota

Amplifiers, Broad-Band DC; Amplifiers, 10 Cycles, High-Gain; Mine, Pipe and Metal Locators; Accelerometers, Special for Large Accelerations; FM Discriminators.

ELECTRO-MECHANICAL RESEARCH INC.
64 Main Street, Ridgefield, Connecticut

Radio Communication Receivers, All Types; Radio Transmitters, All Types; Test Equipment; Fac-Simile; Public Address Systems.

ESPEY MFG. CO., INC. Est. 1928
528 East 72nd St., New York 21, N. Y.

Lumber; Sugar Pine; Ponderosa Pine; White Fir; Douglas Fir.

FEATHER RIVER PINE MILLS INC.
P. O. Drawer F, Feather Falls, Calif.

Telephone Subsets and Dials; Dial Private Branch Switchboards; Complete Dial Exchanges — Rotary and Step-by-Step Systems; Toll Boards; Test Desks; Dial Speed Testing Equipment; Traffic Recorders; Carrier and Repeater Transmission Equipment; Miscellaneous Components.

FEDERAL TELEPHONE AND RADIO CORPORATION
100 Kingsland Road, Clifton, New Jersey

Fire Alarm Systems—Manual; Police Signaling Systems; Automatic Fire Detection Systems; Air Raid Alarm Systems; Emergency Signaling Systems—Special.

THE GAMEWELL COMPANY
1238 Chestnut Street, Newton Upper Falls 64, Mass.

Wooden Barrels; Wooden Kegs; Steel Drums; Plywood Drums, Fibre Drums.

GREIF BROS. COOPERAGE CO.
2000 West 25th, Cleveland, Ohio

Sash; Doors; Frames; Screens; Mouldings.

IDEAL COMPANY
24th and Mary Streets, Waco, Texas

Genuine IWAN Post Hole & Well Auger; IWAN-Atlas Post Hole Digger; IWAN-Hercules Post Hole Digger; IWAN-Gibbs Post Hole Digger; IWAN Snow Pusher.

IWAN BROTHERS, INC.
1501-1505 Prairie Ave., South Bend 14, Indiana

Lumber; Box Shooks and Crates; Nailed Up Wooden Boxes; Pallets; Excelsior.

JEFFREYS, SPAULDING MFG. COMPANY, INC.
Chase City, Virginia

Asbestos — All Types and Products; Asbestos Cloth and Textiles; Asbestos Paper and Millboard; Masonite Benelex and Die Stock; Ebonized Asbestos; Monobestos or Transite.

LADDEN ASBESTOS CORP.
185 Court St., Brooklyn 2, N. Y.

Upholstery Fabrics; Imitation Leathers; Genuine Leathers; Foam Rubber; Upholstery Supplies.

LA FRANCE INDUSTRIES
119 W. 40th Street, New York 18, N. Y.

Oscilloscopes; Signal Generators; Pulse Generators; Frequency Meters; Crystal Impedance Meters.

LAVOIE LABORATORIES
Matawan-Freehold Road, Morganville, New Jersey

Transmitter and Receiver, VHF, MF, LF; Antennas and Accessories; Wire Recorders; Portable Radio Receivers; Remote Control Systems.

LEAR INC.
110 Ionia Avenue, N.W., Grand Rapids 2, Michigan

Carrier Equipment for Radio or Wire Lines Communications; Electrical Wave Filters; Toroidal Coil Assemblies; Powdered Iron Core Products.

LENKURT ELECTRIC CO.
San Carlos, Calif.

Diesel Engines; Diesel Generator Units; Diesel Pumping Units; Diesel Lighting Units; Diesel Powered Compressors.

LISTER-BLACKSTONE, INC.
420 Lexington Avenue, New York 17, N. Y.

Radio; Electronics; Radar; Transformers; Signal & Communications.

MEISSNER RADIO MFG.
211 National Press Bldg., Washington, D. C.

Experimental Aircraft and Other Experimental Projects, Design and Build; Electronic Automatic Checking and Sorting Machines; Electronic Comparators, Height Gages and Surface Finish Comparators; New-Matic Measuring Machines (Air Gages); A.G.D. Standard Gages, Plugs, Rings, Plain or Thread, A.G.D. Adjustable Snap Gages; Special Gages and Special Machines.

MERZ ENGINEERING CO.
200 South Harding Street, Indianapolis 7, Indiana

Radiotelegraph Equipment; Radiotelephone Equipment; Radar; Lorain; Direction Finders.

RADIOMARINE CORP. OF AMERICA
75 Varick Street, New York 13, N. Y.

Ray-O-Vac Leakproof Flashlight Batteries; Ray-O-Vac Flashlight Cases; Ray-O-Vac Radio Batteries.

RAY-O-VAC CO.
212 E. Washington Ave., Madison 10, Wisconsin

Capacitors, All Types; Resistors, Wire Wound & Composition; Pulse Forming Networks; Ceramic Insulated Copper Wire; Radio Noise Filters.

SPRAGUE ELECTRIC CO.
Beaver Street, North Adams, Mass.

Flexible Plastics; Tubing, Insulated Wire, Cable, Tape, Cords and Sheeting.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Polyethylene Tubing; Bags; Sheeting; Surfex Vinyl Plastics Flooring.

SURPRENANT MFG. CO.
199 Washington Street, Boston 8, Mass.

Pipe Wrenches; Pipe Cutters; Pipe Vises; Chain Wrenches; Monkey Wrenches.

TRIMONT MFG. CO.
(Div. of Aetna Industrial Corp.)
55-71 Amory Street, Roxbury (Boston), Mass.

25 Watt Soldering Irons; Electric Soldering Pencils to A. F. Spec. 41261; Type O Soldering Irons Spec. W. I. 681 a.

UNGAR ELECTRIC TOOLS, INC.
615 Ducommun Street, Los Angeles 54, California

Selling to the Armed Services

Unified procurement procedures in the National Military Establishment are designed to assist business and industry in selling to the Departments of the Army, the Navy, and the Air Force and other military purchasing agencies.

The three military departments and the Munitions Board have issued publications to assist businessmen seeking military procurement contracts in finding the proper channels of information.

The newest of these guides, issued by the Department of the Air Force, is entitled "Follow Me, A Guide for Selling to the United States Air Force." It is a counterpart of "Selling to the Navy," issued by the Department of the Navy in June 1948, and "Purchased Items and Purchasing Locations of the Department of the Army," issued in December 1948.

The booklets are intended particularly to aid small concerns that have not previously established sales relations with the armed forces. Emphasis is placed on methods of obtaining subcontracts since many prime contracts for items such as airplanes, guns, and heavy armament are beyond the reach of small business.

The Air Force booklet may be obtained, free of charge, by writing to the Commanding General, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio (Attention: Procurement Division).

"Selling to the Navy" may be purchased at 15 cents a copy from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

The Army booklet, "Purchased Items and Purchasing Locations," may be obtained, free of charge, from the Procurement Information Center, Office of the Assistant Secretary of the Army, The Pentagon, Washington 25, D. C.

The Munitions Board of the National Military Establishment assigns to single services the responsibility for buying certain items for all three military services. These assignments, had they all been in effect during the entire fiscal year, would account for around three-quarters of total current purchases by the three services.

Army Buys Food, Navy Ships

Army buys all subsistence items, lumber and allied products, mess and galley gear, recreation equipment, safety and protective chemical warfare supplies, railroad transportation equipment, motor vehicles, and tractors. The Navy buys combat ships and landing vessels, solid fuels, and hand tools, clocks, steam engines, and steam turbines. The Air Force buys all photographic equipment.

As an example, if a manufacturer wants to sell clocks to the services, he deals with the Naval Aviation Supply Office, Oxford Avenue and Martins Mill Road, Philadelphia 11, Pa. Should he wish to sell watches, he deals with the Frankford Arsenal (Army), Philadelphia 37.

Procurement of petroleum, oils, and lubricants is handled by the Armed Services Petroleum Purchasing Agency, Main Navy Building, Washington 25, D. C. Medical supplies are purchased by the Armed Services Medical Procurement Agency, 84 Sands Street, Brooklyn 1, N. Y. Items common to all Federal agencies are purchased by the Bureau of Federal Supply of the U. S. Treasury Department, Washington 25, D. C.

As a guide in finding the purchasing agency responsible for various procurement items, the Munitions Board has published an "Index of Military Purchasing Offices." Copies may be obtained from the Munitions Board, The Pentagon, Washington 25, D. C. The index is being revised and enlarged as more items are designated for single-service procurement.

Coordination Expedites Selling

Secretary of Defense Louis Johnson recently said: "Our coordinated procurement program is designed to expedite selling. Of course, the objective is increased efficiency in military procurement, but when the responsibility for buying total military needs in certain items is placed in either the Army, Navy, or Air Force, the results should be good. Many businesses have indicated that they like our coordinated procurement operation."

"Follow Me," the Air Force Guide, discusses responsibilities for procurement within the Air Force, deliveries and maintenance, research and development, industrial planning, contracts, regulations, bids, etc. It lists 30 classes of procurement items, with their major subclasses,

and shows the territorial breakdown of the Air Force by major procurement field offices in New York, Dayton, Detroit, Boston, Fort Worth, Los Angeles, and Chicago.

The booklet suggests that small business interested in subcontracting should seek advice from Contractors Relations, Wright-Patterson Air Force Base, Dayton, Ohio, or from procurement field offices. It also advises that business concerns ask to become registered bidders on items they can supply by writing the Commanding General, Air Materiel Command, Wright-Patterson Air Force Base (Attention: Services Section, Procurement Division).

As an aid to small business, the Air Force keeps abstracts to bids on prime contracts on file at Contractors Relations, Wright-Patterson Air Force Base, Dayton, Ohio, and at all procurement field offices. The U. S. Department of Commerce is furnished a list each month of all contracts valued at more than \$1,000. The list is broken down by states and posted in state offices of the Department of Commerce as a guide for businessmen who wish to become subcontractors.

Navy Booklet in Third Edition
"Selling to the Navy," also aimed at assisting small businessmen, is a third edition of a publication prepared in 1922. It discusses general government restrictions, Navy procurement organizations, and major field purchasing activities, including ships stores, clothing supply, aviation supply, general stores, ship parts control, submarine supply, yards and docks supply, electronics supply, and ordnance stock. It tells how to get a Navy contract, how to get on bidders' mailing lists, and gives specific information on competitive bidding, negotiating, specifications, inspection, qualified production, insurance, shipment, and payment.

All Navy purchasing activities and their locations are listed. The booklet also furnishes a directory of general inspection offices of the Material Inspection Service of the Navy.

Army Buying Offices Listed

Procurement services of the Army are listed in "Purchased Items and Purchasing Locations," including the Office of the Adjutant General, Army and Air Force Exchange Service, Chemical Corps, Corps of Engineers, Medical Department, Ordnance Department, Quartermaster Corps, Signal Corps, and Transportation Corps.

Under each procurement service are listed the items purchased and addresses of the purchasing offices, for instance: District Chief, Detroit Ordnance District, Fort Wayne, 6301 West Jefferson Avenue, Detroit 17, Mich., for automobiles, bicycles, combat vehicles, motorcycles, motor scooters, tanks, tractors, trailers, trucks, and supplies (automotive accessories, equipment, spare parts, and tools); or: Commanding Officer, Signal Corps Procurement Agency, 2800 South Twentieth Street, Philadelphia 45, Pa., for everything from dry batteries and flashlights to pigeon equipment, radar equipment (ground), and communications wire.

The Army booklet states that many items are purchased locally at posts, camps, and stations, particularly perishable food, maintenance supplies and equipment, printing, binding, and repair services, etc.

Procurement Information Displayed

A Procurement Information Center, located in Room 4 E 793, The Pentagon, Washington, displays all invitations and abstracts of bids for Army and Air Force contracts. These lists are of considerable value to manufacturer representatives in Washington and to visiting businessmen.

Information on Army and Air Force contracts, bids, materials requirements, and so forth, may be obtained by writing to the Procurement Information Center, Office of the Assistant Secretary of the Army, The Pentagon, Washington 25, D. C. Lt. Col. Edgar M. Teeter is in charge.

The law prohibits the Armed Services from paying a contract price which includes any fee for a business representative not regularly employed by the supplier or bona fide employees or agencies maintained by the contractor for the purpose of securing business.

Brokers Not Needed

On this point, Secretary Johnson recently told the annual meeting of the Chamber of Commerce of the United States: "Getting business from the National Defense is a selling job. You know

far better than I that its main points are knowing what the customers want, how and where they buy, and then showing how your product fills their needs, when and where they exist.

"The salesman who performs these functions, be he owner, employee, or bona fide sales agent of a manufacturer, is always welcome because he renders a valuable service to the National Military Establishment.

"There is no need to have any broker between small business and the government to procure government contracts."

Sales to the military departments are made on a contract basis, in most cases. Contracts through negotiation are permitted when secrecy is essential, or for research and development projects and contracts with educational institutions, and to permit the procurement of personal or professional services. A copy of the Armed Services Procurement Act of 1947 (Public Law 413, 80th Congress) may be obtained from the Superintendent of Documents, Government Printing Office.

Specifications Index Available

Items purchased by the services must generally conform with the requirement of published technical specifications. An "Index of United States Army, Joint Army-Navy, and Federal Specifications and Standards," as well as copies of all published federal specifications, may be purchased from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

In addition to responsibility for making further procurement assignments, the Munitions Board is consolidating individual department regulations into a single Armed Services Procurement Regulation. The regulation will require uniform practices of the three military services in all purchasing and contractual matters. Copies of sections of the procurement regulation which have already been issued may be obtained from the Superintendent of Documents, U. S. Government Printing Office.

As an additional source of information for businessmen, the U. S. Department of Commerce has published "Procurement Operative Procedures," which is in the hands of field offices of the Department. It is a complete handbook of procurement activities of all Federal government agencies.

Industry and National Defense

(Continued from First Page)

Military Establishment, as a continuing function, is planning with industry so that it may know in advance what its role will be and what it can do now to fulfill that role effectively.

By such planning we are buying the precious time that we will need should there be an emergency. This planning is not directed at any particular emergency, nor does it mean that we expect any immediate war.

It does mean that we are getting our plans in order, and expect to keep them in order, so that industry will know its role in national defense.

The Establishment's planning with industry is done through the Munitions Board which serves as a medium where the three services and industry can meet.

The Board was revitalized and given new status and authority under the National Security Act. It has many functions concerned with the industrial phases of security planning, such as mobilization planning, stockpiling, coordination of procurement, coordination of requirements, distribution planning, and standardization of cataloging and specifications.

These functions are largely concerned with getting the business aspects of the Establishment's operations in order, and planning for industrial preparedness to meet military requirements.

Like the utility company which has a standby steam plant for use if the water supply fails, the Munitions Board is developing "standby" programs for emergency use.

In its industrial mobilization planning the objective is to have at X time the means for obtaining the greatest possible use of our manpower, material resources, and our industrial capacity.

In this planning the Munitions Board and the services are working closely with civilian industry managers at many levels and in many fields. What we seek together are understandings that in time of emergency will make it possible for in-

dstry to do its job efficiently and effectively.

Obviously, sound planning is necessary to enable the industrial machine to produce all the materials needed to maintain the population and at the same time fight a war. Our job in the Munitions Board is to relate possible military needs to the ability of industry to supply those needs.

Our industrial structure, actual and potential, is the whole structure of our productive activities, small and large and interdependent under our unique system of independence. One of our eminent scientists said recently that because of our technological ability, we make better use of scientific ideas than do other countries. "History again and again shows," he added, "that we have no monopoly on ideas, but we do better with them than most countries."

Among all the countries in the world we have the highest standard of living. We also have the highest scale of living, and it must be industry's and the Government's job to maintain that scale, for it is the scale of living—the ability of the average citizen to obtain the many things that make life more enjoyable, that keeps the wheels of production turning, that expands and makes sounder the industrial structure which is indispensable to our way of life as a free nation.

Duties of Petroleum Committee

An order formally establishing the former Armed Services Petroleum Board as the Munitions Board Petroleum Committee has been issued by the Munitions Board, as recently directed by Secretary of Defense Louis Johnson.

The committee will consist of six members, two from each of the three Military Departments, and will select a chairman for a term of one year from its membership on a rotation basis among the departments.

The Organization of the committee will include a permanent staff, the Secretariat, headed by an executive secretary of General or Flag rank. He will be selected by the committee members on a rotation basis among the three departments for a two-year term. Assisting him will be two deputy executive secretaries, one each from the other two departments.

Officials and members of the former Petroleum Board will serve on the new Committee. These are: Chairman, Lt. Gen. T. B. Larkin, Army; Members, Lt. Gen. H. A. Craig, Air Force; Vice Adm. R. B. Carney, Navy; Rear Adm. Edwin D. Foster, Navy; Maj. Gen. Herman Feldman, Army; Brig. Gen. W. E. Farthing, Air Force; Executive Secretary, Rear Adm. B. B. Biggs; Deputy Executive Secretaries, Col. W. J. Worcester, Air Force, and Lt. Col. Merton Singer, Army.

Strength of Services

Latest official National Military Establishment reports show that the Army is 17,000 men short of its projected strength of 677,000 during fiscal year 1950.

Total strength of the Armed Forces on 31 May was placed at 1,618,000, a drop of 11,700 from 30 April. During May, 29,418 enlistments were obtained in the Army, Navy, Air Force and Marine Corps.

Strength of the Air Force during the 30 April-31 May period rose from 418,500 to 419,800. The Navy strength dropped 1700 to 447,000 and the Marine Corps had a decrease of 400 to 86,900.

It was reported that Army commanders have been advised that recent enlistment quotas have been removed and that full-scale recruiting is to be resumed in order to make up for the current shortage.

Navy AF Medical Quota

The Surgeon General, Rear Adm. C. A. Swanson, MC, USN, has announced that the Navy's quota of 100 medical officers for temporary duty with the medical department of the U. S. Air Force, has been attained through volunteers from Regular and Reserve medical officers. Assignments to duty with the Air Force are now being made. Those volunteers not already qualified as Flight Surgeons or Aviation Examiners will receive a course of instruction in aviation examining technique prior to assignment.

SERVICE NEWS AND GOSSIP

Foreign Affairs—The one tangible result of the Paris Conference of Foreign Ministers, the agreement on the principal terms of the Austrian Peace Treaty which may be concluded this Fall, is of special interest to military personnel. If, as now seems probable, the peace treaty goes through on schedule, its ratification will almost certainly be followed by the withdrawal of American, French, British and Russian troops from Austria.

The American force in Austria has always been small and its withdrawal is not likely to mean any immediate reduction in the size of the European command. This force includes some Constabulary and Military Government detachments in various parts of the American zone, and a headquarters party in Vienna.

The agreement, which provides that Austria's frontiers shall be those of 1 Jan. 1938, was hailed with jubilation throughout the republic. The Austrians were fearful that the powers would approve the claim of Yugoslavia to part of Carinthia, since Russia had long supported the demand for this territorial cession. When the Soviet Union abandoned its former satellite the settlement was assured. Russia will get \$150 million in reparations.

Austria will find the road to recovery a rocky one. This small country is far from self-sufficient and must export manufactured goods, handicraft products, needlework, wood carving, and related items to exchange for food. The former Austrian agricultural areas which made that country a great power in the past were largely taken from her at the close of World War I and distributed among her neighbors. To achieve a measure of recovery Austria is counting heavily on Marshall Plan aid.

Despite widespread poverty and distress there seems small likelihood that Austria will turn to Communism. The Russian administration of occupied areas made few Red converts. The people are deeply religious and reject the materialism and atheism implicit in the Communist creed. Menaced by neighboring Soviet puppet states the republic appears certain to continue to cast her lot with the Western democracies.

With the exception of a somewhat obscure implied promise from Russia that the hunger blockade of Berlin will not be reinstated the Paris conference contributed little toward achievement of German unity. The Soviet Union effectively blocked all progress in this direction. The meeting may have made it somewhat easier for representatives to negotiate on strictly local matters, including trade and currency problems, but Germany will almost certainly remain divided for a long time.

When rail and highway traffic is resumed at a normal rate it will be possible to discontinue the Berlin air lift. With trade, transport and currency disputes settled there will be a definite easing of tension. However, the situation is not likely to warrant any material reduction of the occupation troops in the immediate future.

Another Mindszenty case appears to be in the making in Czechoslovakia. Following the example of its Red neighbors the Communist government is attempting to nationalize religion. Archbishop Josef Beran of Prague, primate of the Roman Catholic church, has defied the state and seems likely to suffer persecution as did Cardinal Mindszenty in Hungary, Protestant clergymen in Bulgaria, and anti-Communist political leaders in Rumania. Scores of Catholic priests have been arrested throughout Czechoslovakia.

General Douglas MacArthur's recent blast against Russia for failing to keep her promise to repatriate Japanese prisoners of war appears to have brought surprisingly quick results. The Russians have asked Japan to provide ships to move some of these war prisoners home from Siberian ports and the ships will be promptly dispatched for this movement. However, there is a wide discrepancy in reports as to the number of prisoners still held by Russia. General MacArthur contends that Russia still has 400,000 Japanese prisoners of war, whereas the Soviet authorities insist the number is 95,000.

After a long lull the civil war in China is again showing some signs of life. Nationalist planes made repeated raids on Shanghai this week, without doing a great deal of damage. One purpose of the attacks seems to have been to discourage shipping. A British freighter was bombed and reportedly machine gunned. Four members of the crew were hurt. The British have protested to the nationalist government at Canton.

Southern Korea awaits with some trepidation the early departure of American troops. While an indigenous army of fair efficiency has been developed and a training group of 500 Americans will remain, many Koreans fear that the exodus of United States soldiers will be the signal for an attack by the northern Communists. Border incidents have been frequent and there is always danger that these clashes might set off a civil war. President Truman has asked Congress to authorize an appropriation of \$150 million to aid Korean recovery, and this action has tended to stiffen anti-Communist morale in that country.

In an address before the Conference of Governors at Colorado Springs this week Lieutenant General Walter B. Smith, former ambassador to the Soviet Union, warned that Russia may soon be testing the atomic bomb. General Smith urged the Governors to support military assistance and full economic aid for the Western European democracies opposing Communism. He strongly advocated the early appropriation of \$1.130 billion to rearm the Atlantic Pact countries.

In the Senate sentiment appears to be veering toward granting most of the funds requested for the Economic Recovery Program, and the plan to rearm our European allies is gaining support. The failure of the Paris conference to make much definite progress toward permanent peace emphasized the need for strengthening European bulwarks against Communism. Another influence toward heavier appropriations is the fear that any curtailment of exports to Europe might have a deteriorating effect on American economy.

Lt. Gen. James A. Van Fleet, Chief of the United States Military Mission to Greece, who is in Washington on a brief visit, told the press on Thursday that even after the guerrilla forces in Greece are wiped out it will be necessary to continue military aid to that country, until an international agreement is reached that guarantees that there will be no further outside aid to the rebels.

The general said that there were indications that the Communist forces were not now getting the supplies and other assistance from Yugoslavia that they formerly received from this source. However, he said the Reds were receiving German artillery and weapons from other countries. The Greek national army now numbers 150,000, with a defense force of 50,000 additional men. General Van Fleet said that the United States had spent \$150 million in military assistance to Greece during the current fiscal year and a greater amount would be needed during the coming year.

Signs of the Times—The Navy's giant of the airways, the four-motored Constitution, now touring principal cities throughout the United States, is drawing huge crowds and unparalleled publicity at each of its stops. Visitors viewing the enormous plane are reminded of the Navy's national defense role by a sign running almost the length of the plane's mammoth side, and reading: *Your Navy Air and Sea*.

New Army Medical Experiment—Valley Forge General Hospital, Phoenixville, Pa., has been designated as a pilot installation to try out a new organizational pattern for Army general hospitals. During the next year, new methods for the more important administrative procedures common to military hospitals will be tried. The aim of the experiment is to develop a standard organizational plan and procedure for all Army general hospitals.

Army Chemical Center—Dr. E. W. Comings, Professor of Chemical Engineering, University of Illinois, is spending a month at the Army Chemical Center, Md., this summer. During this time he is making a study of certain special problems of the Technical Command and the Medical Division. In addition to this, he is giving a series of lectures on fluid dynamics to a selected group of chemical and mechanical engineers of the Army Chemical Center. Dr. Comings is a member of the Dissemination Sub-Committee of the Research Council of the Chemical Corps Advisory Board. During the recent war he was Associate Director of the NDRC Munitions Development Laboratory at the University of Illinois, and in this capacity supervised the development of a number of chemical munitions for the Army, Navy, and Air Force.

Flyer's Life Span Shorter—A 27-year study at the School of Aviation Medicine, Randolph AFB, Tex., has shown that a man entering flying duty at the age of 22 has a life expectancy of 37.6 additional years, compared with the 48.5 additional years which a non-flying AF officer may expect to live. The survey revealed also that at 22, a flyer has an average of 24 years active duty ahead of him, while the non-flying officer can anticipate 29.9 years in uniform. The study indicated that the death rate as a result of aviation accidents is 9.1 per 1000 per year. The risk of death in a service-connected accident for non-flyers was said to be 0.8 per 1000 per year.

Marine Personnel to Leave Washington—There will be a general exodus of Marine enlisted men from the Washington area during the current fiscal year, if the NME appropriations bill for 1950 passes the Senate in its present form. The bill, as it now stands, provides funds which will permit the Marine Corps to employ approximately 422 new civilian workers at Marine Corps Headquarters. These civilian employees will, for the most part, replace enlisted men in the ranks of private through sergeant, and the Marines will be transferred elsewhere.

Army JAGS—Lt. Col. John W. Gorn, JAGC, who was graduated recently from the University of Michigan Law School, has reported for duty JAGO and has been assigned to the New Trial Division. First Lt. John S. Folawn, JAGO, has begun a 90 day tour of duty in JAGO under The Judge Advocate General's officer procurement program with a view toward a commission in the Regular Army. Lt. Col. Howard R. Whipple, JAGO, has reported for duty JAGO from Headquarters Fourth Army and has been assigned as a member of Board of Review Number 4.

Army and AF Clothing Allowances—Clothing maintenance allowances for a WAC or WAF will cost the government \$14.80 more a year than for a soldier or airman, National Military Establishment officials have indicated. They reported that for fiscal year 1950, however, both female and male enlisted personnel will receive an identical clothing allowance of \$21.60 if proposed allowance scales are adopted.

The new clothing allowance plan goes into effect on 1 July. The system will be inaugurated with the issue, in kind, of clothing for the first year. Subsequently, clothing replacements will be purchased by the individuals from allowances. The government expects to save about \$8,000,000 a year under the new plan, which also will afford personnel who take care of their clothing to pocket money from unexpected allowances.

In addition to the first year allowance of \$21.60, present plans call for a subsequent yearly maintenance allowance of \$50.40 for male personnel, and \$64.80 for WACS and WAFFS. Above this, there will be these reenlistment monetary clothing allowances for personnel reenlisting within 90 days: Three year enlistment, \$45; four years, \$60; five years, \$75; and six years, \$90. These allowances are in addition to the annual clothing allowance payments.

Naval Dental Corps—Twenty-five regular Navy dental officers completed a general course of instruction recently conducted at the Administrative Command, Naval Training Center, Great Lakes, Ill. The course covered three distinct phases, with lectures and instruction being given in military subjects, administration of dental departments, and duties in emergency and battle station subjects. This course is also being made available to naval reserve dental officers. A similar course is being conducted at the Naval Training Center, San Diego, Calif. It is planned to conduct this course at the Naval Training Center, Great Lakes, during the following periods: 7-20 Aug., 11-24 Sept., 9-22 Oct., 6-19 Nov., and 4-17 Dec.

Army Field Forces—Maj. Gen. Robert C. Macon, Deputy Chief, AFF, and Brig. Gen. Rex W. Beasley, Assistant Chief for Developments, AFF, attended an orientation course at Sandia Air Base, N. Mex., 20-24 June, and will make a staff visit at The Field Artillery School, Fort Sill, Okla., 25-28 June. Maj. Gen. Milton B. Halsey, Assistant Chief for Training, AFF, addressed members of the Hampton, Va., Rotary Club at the Chamberlin Hotel, Fort Monroe, 23 June. Col. O. S. Rolfe, Developments Section, attended a conference in the Office, of the Quartermaster General, Washington, 20 June.

Col. John P. Eckert and Col. Hobart Hewett, both of Developments Section, attended a meeting with the Director of the Budget, Washington, 20 June. Colonel Eckert also attended a briefing for General Omar N. Bradley, Chief of Staff, in Washington, 22 June. Colonel G. P. Privett visited ROTC camp at Fort Bragg, N. C., 23-25 June. Col. Percy W. Thompson, Intelligence Section, conferred with officers of the Intelligence Division, Department of the Army, Washington, 20-21 June. Lt. Col. John H. Kochevar, Developments Section, conferred with members of AFF Board Number 4, Fort Bliss, Texas, on development matters, 17 June. Lt. Col. Edward E. Farnsworth, Developments Section, attended conference at Detroit Arsenal, 22 June, and at Frankford Arsenal, Philadelphia, 23 June.

Quartermaster Corps—The following changes in military personnel in the Supply Division, Office of the Quartermaster General, have been announced. Lt. Col. Roy T. Evans, Jr., was designated Assistant Chief of Supply Division; effective 20 June, Lt. Col. Walter R. Ridlehuber became Chief, Clothing and Equipage Branch succeeding Lt. Col. James E. Baker, who became Chief, Purchase Control Branch. On

1 July, Lt. Col. Joseph M. Shanks becomes Chief, Requirement Policy Branch. Early in July, Lt. Col. Clifford C. Wagner, who has been Officer in Charge, Quartermaster Market Center Headquarters in Chicago, Ill., will become Chief, subsistence Branch. Lt. Col. Charles G. Herman, who had been assigned to Supply Division, OQMG, has reported for duty as a member of the staff and faculty at the Quartermaster School, Camp Lee, Virginia.

Maj. Gen. Herman Feldman, The Quartermaster General, addressed 2,000 military and civilian personnel of the Office of the Quartermaster General at the 174th anniversary celebration of the Quartermaster Corps 17 June. Among guests present were two former Quartermaster Generals, Lt. Gen. John L. DeWitt and Lt. Gen. Edmond Gregory. General Feldman cut the giant birthday cake. Lt. Col. Herbert Hall was chairman of the affair and music was by the Army Band.

Cost of Uniform Maintenance—The average Army or Air Force Officer on active duty spends \$135.86 a year to maintain his uniforms, a House Armed Services subcommittee studying the problem of sale of officer uniforms has been informed. Army officials included in estimate of clothing costs such typical purchases as a service, fur felt cap costing \$9.79 with a life expectancy of three years; field overcoat, four years, \$34.39; and one cotton khaki shirt per year, \$2.97.

Annual maintenance of the semi-dress winter uniform was estimated at \$33.04; semi-dress summer uniform, \$28.80; general wear winter service uniform, \$31.21; general wear summer uniform, \$33.49; and accessory items, \$8.42, which included one cotton quarter sleeve undershirt every four months at a unit cost of 44 cents.

Strategic Air Command—Lt. Col. Frank W. Ellis, commanding officer of the 301st Bomb group at Smoky Hill AFB, Kans., will move to Offutt AFB, Omaha, on 1 July to take up new duties in the office of the Strategic Air command deputy chief of staff, operations and training, Brig. Gen. John B. Montgomery. Col. Harris E. Rognier, completing an assignment with the United Nations as military advisor, will take command of the 301st Bomb group about 8 July, according to Col. Joe Kelly, 301st wing commander at Smoky Hill.

Lockheed Plane for Navy Tests—A new version of the Lockheed Constellation transport, designed to test airborne electronic devices now in development, was revealed this week by the Navy and Lockheed Aircraft Corporation. Two specially-modified Constellations have been ordered by the Navy for this purpose. The No. 1 airplane made its first flight 9 June at Lockheed Air Terminal in Burbank, with Joe Towle, Lockheed's chief production pilot, at the controls. The plane was aloft for two hours. The new Navy Constellation, designated the PO1-W, is characterized by two large humps midway on the top and bottom of the fuselage. Fore and aft of the radomes are rows of spiny antennae running like spikes along the exterior of the airplane. The nose of the plane has been slightly elongated.

Normal flight crews will be carried on the PO1-W, including pilot, co-pilot, flight engineer, navigator and radio operator. In addition, facilities for technicians and electronic equipment operators are provided in the cabin. Sleeping accommodations are available for crew members on long flights.

Infantry Center—Lt. Gen. Manton S. Eddy, commandant of the Command and General Staff College, Fort Leavenworth, Kans., addressed the graduation class of 140 officers of the Infantry Officers Basic Class No. 1 last week. Chaplain (Lt. Col.) Wallace M. Hale pronounced the invocation and benediction at the ceremonies; Maj. Gen. W. A. Burress, commanding general of The Infantry Center, addressed the class and introduced General Eddy. Diplomas were presented by General Eddy. A total of 670 cadets of the class of 1950, U. S. Military Academy, West Point, N. Y., arrived at The Infantry Center last week for an orientation tour. Accompanying the group were Lt. Col. John K. Waters, assistant commandant of cadets; Lt. Col. Ellery M. Zehner, Lt. Col. Donald V. Bennet, Lt. Col. Livingston M. Taylor and Maj. Elwin B. Edwards.

Miniature Landing Strip—A vest-pocket "landing strip" designed to fit into a laboratory soon will help Air Force engineers find out what happens to the tires of a high-speed plane when it lands. Capable of duplicating landings at speeds up to 250 miles an hour, the miniature "runway" will be installed at Wright Field, Dayton, Ohio. The "landing strip" actually is a big steel flywheel seven feet in diameter and a little more than three feet wide. The flywheel is under construction at the Adamson United Company, Akron, Ohio. Its power unit, a 150-horsepower electric motor and necessary controls, will be built by the Westinghouse Electric Corporation.

With the aid of this apparatus, Air Force engineers will reverse normal flight procedure in that the aircraft wheel will remain virtually stationary while the flywheel turns at any pre-determined speed up to 250 miles per hour. H. P. Lamb, Adamson engineer, and L. W. Herchenroeder of Westinghouse, who collaborated with Wright Field in the design of the apparatus, explained that the flywheel and the tire to be tested will be mounted on separate shafts. After the flywheel has reached the desired speed, the tire will be moved against it, giving the effect of an actual landing. The apparatus will be designed so that the stored energy in the flywheel can exert the same force as a plane coming in for a landing. To simulate landings of heavier planes, steel plates may be bolted to the sides of the flywheel.

Army Finance Department—Lt. Colonel Wayne B. Gardner, Chief, Pay Branch, Receipts and Disbursements Division was promoted to the rank of Colonel, Regular Army, recently. Col. John R. Vance, FD, Finance Officer, Second Army and Maj. Fred H. Gerfen, FD, Chief, Training and Service Branch, Management Division, Office of the Chief of Finance, toured the Second Army Area last week to observe the status of training of Finance TO&E Units of the ORC and to amplify the program recently announced for Finance Training Groups. Capt. Bernard E. Reddy, Jr., FD, previously on duty in the Budget and Fiscal Section, Hq, Fourth Army, reported this week for duty in the Management Division, Office of the Chief of Finance.

Army Colonel Promotions—Army officials said this week that of the 379 permanent lieutenant colonels on the eligibility list for advancement to the permanent rank of colonel, a total of 237 have been promoted already. Five more have been nominated. This means that 142 remain to be promoted.

USAF Winterization Program—In the midst of a Washington heat wave, the Air Force this week released new regulations concerning its winterization program, wherein aircraft and materiel are made to function satisfactorily at temperatures as low as 65 degrees below zero. Normally, the cold weather test program consists of three phases: testing of aircraft and materiel in the climatic hangar at Eglin AFB, Fla.; testing at the Cold Weather Test Detachment, Ladd AFB, Alaska, and utilization of aircraft and materiel by tactical units in the Arctic.

More on AF Medical Plan—Further implementation of the new Air Force

volunteer plan to provide medical care for dependents was undertaken recently at Goodfellow AFB, Tex., with creation of a Dependent Medical Care Association. Initiation fees will be two dollars for lower four grades, five dollars for first three grades and company grade officers, and 10 dollars for field grade officers. Members will pay one dollar a month for dues. At the present time, there is only one medical officer on this base, thus precluding care for dependents.

Military Leave Policy—A survey conducted by the National Guard Bureau has revealed that 36 States, District of Columbia, Hawaii and Puerto Rico grant military leave with full pay to State employees. Only four States have no approved military leave policies. The military leave situation was reported improving steadily in industry. Many employers it was said, are granting National Guardsmen and Reservists extra leave with pay or a salary adjustment to attend summer camps.

Active Reserve Retention—The Army has announced that minimum requirement for retention in the Active Reserve of officers will be 27 point credits annually. This includes 15 points allowed automatically for membership in the Active Reserve. Twelve points must be earned. Enlisted personnel need a total of only 20 points per year to remain in the active Reserve, of which 15 are received automatically.

Reemployment Rights—Veterans of World War II who are wondering about seniority and other benefits they may have under the Selective Training and Service Act of 1940, as amended, and related statutes, should technological changes, lay-offs and other adjustments in the labor force affect the jobs to which they returned upon separation from military service, will be interested in the following pamphlets issued by the Bureau of Veterans' Reemployment Rights: "Field Letter No. 9" on the subject of lay-offs, "A Veteran's Right to his Old Job," and "Information About Your Reemployment Rights." These pamphlets will be of special interest to Post Service Officers and may be obtained by writing Robert K. Salyers, Director, Bureau of Veterans' Reemployment Rights, 7318 Labor Department Building, Washington 25, D. C.

Bureau of Medicine and Surgery—The Surgeon General, Rear Adm. C. A. Swanson, MC, USN, will represent the medical department of the Navy at the American National Red Cross Convention to be held 25-30 June in Atlantic City, N. J. Admiral Swanson is a Member of the Board of Governors of the American National Red Cross and will attend the meetings held by this group during the convention.

Rear Adm. Joel T. Boone, MO, USN, General Inspector, Medical, departed from Washington 22 June to make a general inspection of the medical activities in the First Naval District. He will return 2 July.

Foreign Decorations—The Brooks subcommittee of the House Committee on Armed Services this week refused to take the names of Maj. Gen. Harry H. Vaughan and others out of pending legislation which would authorize the acceptance of gifts and decorations by certain officers. By a vote of 6 to 1, the subcommittee voted to report the bill to the full committee and, if reported to the House by that committee, let Congress determine whether certain officers shall be denied the right to accept the proffered gifts and decorations.

The one dissenter was Representative Norblad (R-Ore.), who registered opposition to approving acceptance of such gifts and decorations from President Peron of Argentina as well as from any countries known to be in sympathy with Argentina. Strong resentment was expressed by Representative Norblad against allowing Maj. Gen. Vaughan the right to accept the gifts and decorations inasmuch as the witness from the Department of the Army, Col. Robert Lancefield, stated that it had seen no citation explanatory of the reason for conferring the honors.

Colonel Lancefield said the Department of the Army is not prepared to discuss the bill from a political standpoint and suggested that a representative of the Department of State should be called to testify from that angle. Maj. Ernest D. Wilson, representing the Decorations and Awards Division of the Army, presented a list of additional names for inclusion in the bill by way of amendment. Major Wilson testified that, since 1942, 27,000 officers and 14,000 enlisted men have been awarded gifts and decorations by foreign governments but that for part of the time, from 1942 on, blanket authority to accept them had been authorized by Congress. Recent lists have required special authorization.

Unified Service Wives—The Unified Service Wives' group stated this week that they are encouraged by the response from Army, Navy, Air Force and Marine Corps wives of all ages and ranks. "We believe," they stated, "in the principles that unification among families will aid the Services by promotion of inter-service goodwill, improving morale and providing an outlet for discussing problems common to all. Additional suggestions and inquiries will be appreciated. Please address them to us care of the ARMY AND NAVY JOURNAL."

Army-Marines Joint Training—The Army and the Marine Corps, for the first time in history, will combine forces to participate in joint reserve training on the West Coast this summer. Participating in the exercises, which are to be conducted at Camp Pendleton, Calif., will be the Army's 13th Armored Division and the First Marine Division. Training will be under the joint direction of Maj. Gen. James T. Roberts, USA, commanding general of the 13th Armored, and Maj. Gen. G. B. Erskine, USMC, who commands the First Division.

Civilian Clergymen To Visit—Two groups of civilian clergymen, representatives of the churches and synagogues of America, will visit military chaplains in the Far East Command and in the European Command next month.

These clergymen (Jewish, Roman Catholic, Disciples of Christ, Missouri Synod Lutheran, Presbyterian and Southern Baptist) have been invited by the Chiefs of Chaplains of the Army, Navy and Air Force to meet with military chaplains overseas to conduct spiritual conferences and devotional exercises. New books of interest to the chaplains will be introduced and discussed. Important developments and trends in the religious life of America will be presented.

In view of the greater number of Army personnel in the areas to be visited, the Department of the Army is sponsoring these clergy missions to the Far East Command and the European Command. However, though Army-sponsored, the selection of the visiting clergymen and the preparation of the itinerary was the joint effort of the three Chiefs of Chaplains. The Departments of the Navy and Air are expected to sponsor similar missions at later dates to theaters where the respective Departments have the major interest. Both groups of civilian clergymen will arrive in Washington, D. C., for briefing and proceed overseas by air 13 July.

Senate to Act on Pay
(Continued from First Page)

warranted detailed consideration for which there was not time at the present session of Congress. The House committee, he said, was strongly of the opinion that this subject required a separate and comprehensive study.

The original Hook Commission recommendations, which are still supported by the Commission members, would have curtailed retirements of those with less than 30 years' service. Under present laws officers and enlisted men of the services may retire with fractional benefits after 20 years' service, with the approval of the Secretary concerned. The Hook Report would limit such retirements to officers more than 60 years old, and enlisted men over 50 years of age. However, the Hook recommendations for those now in the service would not become fully effective for five years.

The attitude of the Services with respect to such retirements is not uniform. Applications of enlisted men for retirement after 20 years' service are generally approved, but the policy of the Army and Air Force is to approve such applications from officers only under exceptional circumstances. The Navy approves 20-year retirements of both officers and enlisted men.

While several of the committee members have been absent from the public hearings most of those present indicated a definite interest in providing adequate career compensation for military personnel. Observers felt that while the committee might not be unanimous a majority would probably recommend enactment of the measure with relatively few important amendments.

If the bill reaches the Senate within the next two weeks the chances for its passage prior to adjournment on or about 1 August are considered good. The only outspoken opponent of the bill is Senator Ralph E. Flanders, (R-Vt.), who has announced that he will vote against the bill unless provision is made at the same time for an increase in the pay of civilian employees of the Government.

In appearing before the Senate committee this week Mr. Hook outlined the procedure of the commission in its year-long study of service pay. He said the pay schedules proposed were comparable to those of industry for equivalent civilian responsibilities.

Although the commission attempted to match military pay with civilian compensation throughout, it was found that the recommended pay for the lowest four enlisted grades, considering that clothing, food, quarters and other free services are supplied enlisted personnel, was considerably higher throughout than comparable pay in industry. Mr. Hook pointed out that in the officer grades at the outset military pay exceeds civilian compensation, but the recommended pay for colonels and above falls below that of comparable civilian positions.

The commission regarded the pay scales recommended, particularly for officers, and the costs involved as a sound investment in good management. Mr. Hook declared that experience shows that well-trained leaders and executives, who should be highly paid in accordance with their responsibility, generally save money in the long run. He strongly urged that the pattern of pay recommended be retained, even if the total military budget must be curtailed.

At the conclusion of Mr. Hook's statement Senator Tydings pointed out that if appropriate peace treaties were concluded there would be a probable reduction in the size of the Armed Forces, with a corresponding reduction in the cost of the bill. Senator Lester C. Hunt (D-Wyo.) and Senator Byrd inquired as to the retirement features of the Hook report. Mr. Hook said that the House made certain changes in the disability retirement provisions which the commission approves.

Senator Tydings asked whether it might not be wise to add the voluntary and involuntary features of the Hook report to the bill and settle the matter in conference. Mr. Hook agreed that this would be desirable, adding that this would result in an ultimate saving, although, as Major General John E. Dahlquist, of the Army, pointed out, the cost

for the first five years would be somewhat higher.

In response to an inquiry as to why junior officers were resigning from the services and college graduates were declining to accept commissions Vice Admiral William M. Fechteler of the Navy said that there were two reasons, lack of opportunity to establish a home, and inadequate compensation and unattractive prospects for the future. He said that if the pending bill were passed resignations would drop by fifty per cent, and General Dahlquist added that 75 per cent of qualified R.O.T.C. college graduates would accept commissions.

Senator Tydings asked General Bradley what effect the bill would have on the draft. The general replied that passage of this measure would encourage enlistments and reenlistments and if it were not enacted the Services would lose many junior officers and non-commissioned officers.

Mr. Thomas G. Stevenson, actuary of the American Telephone and Telegraph Company, who assisted the Hook Commission in studying the retirement and death benefit features of its investigation, testified concerning the retirement provisions of the bill. He expressed the belief that officers should not be retired even after 30 years' service, though he conceded that some retirements were necessary in order to vitalize the active list. He opposed retiring personnel with relatively minor physical defects at three-quarters pay. As passed by the House, he said, the Pay Bill provided even tighter standards for physical retirement than those proposed by the Hook Board.

Mr. Stevenson opposed the adoption of a contributory retirement system on the ground that in the long run, considering administrative costs, it would be more expensive to the taxpayers than the non-contributory system. He said that in industry 60 per cent of all retirement plans were non-contributory and they had proved more satisfactory than the others. Where there were contributory systems, he said, employees were continually pressing for greater benefits, and for the assumption by the employer of an ever-increasing portion of the cost. He said he saw no reason to believe that the same situation would not prevail in Government service.

Members of the committee listened with great interest to General Bradley's statement, outlining the necessity for the revision upward of the antiquated pay scales of the Uniformed Services. He urged that appropriate remunerative incentive, as well as prestige of rank, be provided for aspiring talent in all grades, pointing to the fact that in our Army privates have risen to general officer. He called attention to the fact that the termination of income tax exemptions had resulted in a substantial reduction in the take-home pay of military personnel, at a time when many workers in industry were considering asking for a fourth-round pay increase.

The testimony of General Bradley brought out that while the total annual cost of the bill was placed at \$302 million, much of this expense was offset by income tax deductions from Service personnel. The removal of military tax exemptions this year will result in increased tax revenue of \$130 million per year at existing pay rates, and an additional \$65 million when the new pay schedules go into effect. This would make the net cost of the measure \$107 million.

Senator Tydings asked General Bradley whether he considered the passage of the bill at this time was essential, and whether action could be deferred for a year or two. The general said the measure was of the highest priority, and that failure to pass it at this time would have a deteriorating effect on service morale. Unless the bill is enacted, he said, the Armed Forces would continue to lose officers, and would fail to attract new personnel of the best quality.

In response to another inquiry the general said that while the National Military Establishment approves the Hook Board suggestions as to voluntary and involuntary retirement features it felt that their adoption at this time would delay action on the bill, because of many complex elements to be considered.

Keep up to date—subscribe and resubscribe to the Army and Navy Journal.

Sec. Johnson Backs "Strong Navy"

In what is conceded to be his most important address since assuming office and with President Truman included among the audience at the National War College, Secretary of Defense Louis Johnson this week disclosed plans to spend \$80,000,000 for modernization of two Essex-type 27,000-ton carriers.

As the President, the Joint Chiefs of Staff and other ranking civilian and military officials listened intently, Secretary Johnson appealed for "constancy in American military policy," the necessity for which he said is "dictated by Soviet Russia's intransigent opposition to peaceful relationships with the free world. We have no recourse but to provide for our self-preservation just so long as the attitudes of Soviet Russia are animated by concepts which assert: that sovereign and independent governments cannot live peacefully as neighbors; that peoples who do not concede the supremacy of the collectivist state are enemies of human progress; that collaboration cannot serve the interests of both the communist and non-communist worlds."

Secretary Johnson warned bluntly: "We have no choice but to maintain for an indeterminate part of our lifetimes military strength as a deterrent to armed aggression."

His interpolated announcement concerning the carrier program in the text of his prepared speech came in the midst of a denunciation of Navy partisans who, according to the Defense Secretary, have represented the recent decision to abandon the 65,000-ton super-carrier "as part of a conspiracy either to sink the Navy's air arm or to reduce the Navy to a second-class role. In their campaign of terror against further unification of the Armed Forces," Colonel Johnson continued, "they have roused false issues without the substance of truth."

The viewpoints of the three Services concerning the Fiscal Year 1950 carrier modernization program were discussed at a special meeting of the War Council on 17 June. Subsequently, Secretary Johnson discussed the matter with President Truman. A memorandum from Secretary Johnson to the three Secretaries and the Joint Chiefs of Staff explained that the President "has given his approval to my decision on the matter—which is that the Navy go forward with the necessary arrangements looking to the submission to Congress of budget requests for the modernization of two additional carriers of the Essex class, as proposed by the Chief of Naval Operations in the memorandum of 10 June."

There were conflicting reports concerning the vote of the Joint Chiefs of Staff on this subject. One account maintained that the vote was two to one in favor of the modernization program, with the Air Force dissenting. Another version held that the vote was two to one against the plan, with the Navy in the minority. If this were true, it would mean that Secretary Johnson and the President overrode the recommendation of the Joint Chiefs.

Whatever the background of this decision, Secretary Johnson took the opportunity in his address to graduates of the National War College to declare that "a strong Navy is absolutely vital to the security of the United States. Because the naval air arm is a critical weapon in modern sea warfare," he added, "we could no more deny the fleet its carrier aircraft than we could deny ships their radar."

In the face of recent reports concerning his alleged desire to abolish the Marine Corps and its aviation activities, Secretary Johnson said forcefully in his National War College address that "the Marine Corps' role in the future is guaranteed not by sympathy for its historical tradition but by the proven necessity for equipping fleets with assault forces for the seizure or defense of naval bases essential to the conduct of naval campaigns."

With regard to the overall problem of unification, Secretary Johnson emphasized that national defense is not a "competitive enterprise" and declared that security "admits of neither preeminence nor first emphasis."

He said that "despite the severely contested Service disagreements that have handicapped the work of our Establishment, there exists today a readiness and defense potential superior to that of any

previous period in our nation's peacetime history."

The roster of graduates follows:

ARMY
Brig Gen Miles Reber
Colonels
L L Doan, Cav R C Cooper, FA
W W Roe, Jr, MC W A Perry, CAC
P W Edwards, CAC L S Griffing, FA
E G Farrand, Cav R F Sink
F P Munson, FA C F Friztsche, Inf
G S Meloy, Jr, Inf B B Talley, CE
E Lee, MC H B Powell, Inf
J G Van Houten, Inf W P Ennis, FA
J S Williss, SC W E Billingsley, Inf
S P Collins, SC J D Billingsley, Ord
J W Davis, CAC A T McAnsh, Inf
B Hamlett, FA C T Tench, CE
H P Storke, FA M S Johnson, CE
W T Bradley, Cav H H Howze, Cav
N A Costello, Inf

Lt. Colonels
J W Bowen, Inf B A Adams, FA
C E Hoy, Inf L E Fellenz, Chem C
T W Parker, FA W A Huntsberry,
L W Truman, Inf QMC
F W Bigg, Inf

AIR FORCE
Colonels
E W Suarez M J Asensio
J H Davis P E Ruestow
C I Ferris O O Benson, Jr MC
R H Lee G F Schlatter
B S Kelsey J J Morrow
J B Duckworth T L Bryan, Jr
F G Allen T J DuBose
M S Roth B S Israel, Jr
M K Landon D W Jenkins
L O Peterson W L Lee
E H Underhill F C Vance
C Maude J S Mills
R E Koon

NAVY
Captains
J G Crommelin, Jr R E Wilson
T H Hederman C H Duerfeldt
S L Laidlaw R S Clark
C A Buchanan Fitzhugh Lee
D M Tyree E M Eller
E L Woodard W E Ferrall
F S Withington C H Lyman, 3d
R E Rose R R Waller
T B Williamson C S Cooper
S Bowling F B Warder
T M Dykers C E Ekstrom
J H Griffin

Commander
J W Boundy

MARINE CORPS
Col J P Juhan Col W L J Bayler
Col J W Farnshaw Col H L Litzenberg, Jr
Col W G Manley

COAST GUARD
Capt. R E Wood
DEPT. OF STATE
W Galbraith C B Elbrick
N S Haseltown E A Gillion
A L Richards L G Cyr
S E Bradford E A Lightner, Jr
F T Merrill B G Bechhofer
J B Pilcher J H Bruins
M N Hughes F B Stevens
M M Wise W T Meale, Jr
A Dawson

CIA
J S Earman
TREASURY DEPT.
H A Ball
BUREAU OF THE BUDGET
H T Heun

Mr. Carpenter Leaves NME
Donald F. Carpenter, whose resignation as Chairman of the Munitions Board has been accepted by President Truman, plans to return to the E. I. du Pont de Nemours & Co., Inc., after a short vacation. He left Washington 24 June.

Mr. Carpenter went on leave of absence without compensation as Vice President and Assistant General Manager of the du Pont subsidiary, the Remington Arms Co., Inc., to come to Washington in April 1948 as Chairman of the Military Liaison Committee to the Atomic Energy Commission. At the same time he was made Deputy to the Secretary of Defense on atomic energy matters. He became Chairman of the Munitions Board in September, 1948, and at that time planned to stay only until the end of the year. However, at the request of the President he agreed to stay six more months.

Mr. Carpenter formerly lived at Southport, Conn., but will make his new home in Wilmington, Dela.

Civilian Meritorious Service Award

A Civilian Meritorious Service Award, covering the period of his service from 5 Feb. 1945 to 31 May 1949, was presented last week to Mr. Fred Bund, Jr., Chief of the Army and Air Force Motion Picture Service, by Maj. Gen. Russel B. Reynolds, Chief of Special Services, Department of the Army.

Industrial College Class

Bernard M. Baruch will address the graduating class of the Industrial College of the Armed Forces at its 25th Anniversary graduation exercises 28 June in the Department of the Interior auditorium, General Dwight D. Eisenhower, a graduate of the Industrial College in 1933, will speak briefly. Admiral Louis E. Denfeld, Chief of Naval Operations, will present the diplomas.

The 1949 graduating class is composed of 54 officers of the Army, 22 officers of the Navy, 34 officers of the Air Force, and 3 officers of the Marines. The Class was convened for its ten months course 28 Aug. 1948.

Maj. Gen. A. W. Vanaman, USAF., is Commandant of the Industrial College, with Rear Adm. L. S. Sabin, USN, Deputy Commandant for Plans and Administration, and Brig. Gen. J. L. Holman, USA, Deputy Commandant for Education.

The following officers are members of the graduating class:

ARMY Colonels

R. A. Baker, Inf.	E. A. Kenny, SigC
W. C. D. Bridges, CE	J. A. McNeerney, Ord
R. G. Butler, Jr., Ord.	H. T. Marshall, MC
E. F. Cardwell, AAC	N. A. Matthias, CE
F. G. Crab, Jr., Ord.	R. B. Oxrieder, CE
B. C. Fowlkes, Jr., CE	G. C. Reinhardt, CE
E. G. Galloway, CE	M. E. Sorley, CE
M. D. Harris, SigC	T. F. Taylor, Cav
L. T. Heath, FA	C. W. Van Way, Jr.
C. R. Hutchison, FA	Inf
J. G. Jones, MC	L. F. Wells, Jr., Inf

Lieutenant Colonels

C. H. Blumensfield, CAC	A. W. Manlove, Ord
I. L. Brenneman, TC	N. M. Martin, CE
F. G. Bryan, Ord	G. C. Masters, Ord
R. A. Cliffe, TC	I. S. Morris, TG
A. E. Dennis, QMC	J. N. Nahas, SigC
H. Everett, Jr., QMC	T. A. O'Neill, Inf
S. M. Gilman, QMC	W. V. Owen, TG
G. R. Gretzer, FD	R. Palmerlee, TC
O. C. Harvey, QMC	E. D. Payne, Ord
A. M. Haynes, JAGC	O. T. Saar, SigC
C. J. Herrick, Inf	G. W. Seaward, FA
V. R. Johnson, TC	L. H. Shirley, QMC
W. E. Kaley, SigC	S. F. Silver, QMC
E. H. Larey, QMC	W. E. R. Sullivan, CmlC
R. J. Laux, QMC	H. Walmsley, CmlC
J. C. Light, Ord	J. E. Willis, SigC
T. H. McKenzie, SigC	

AIR FORCE

Colonels

V. L. Anderson	C. E. Jung
J. W. Andrew	G. F. Kinzie
H. A. Boushey	L. P. Kleinoeder
P. S. Blair	W. B. Mann
R. R. Conner	J. A. Morris
R. A. Elliott, Jr.	J. P. Ryan
M. C. Ferguson	R. L. Scott
L. W. Fulton	F. X. Purcell, Jr.
D. P. Graul	T. W. Scott
C. C. Harris, Jr.	W. A. Steiner
A. G. Hewitt	E. M. Tally, Jr.
LeRoy Hudson	C. B. Thompson
P. W. Humphreys	P. W. Zehring
C. E. Just	

Lieutenant Colonels

W. P. Berkeley	R. H. Henderson
A. C. Cox	E. H. Wilson
J. H. Dick	M. Yater
D. M. Hamilton	

NAVY

Capt. C. C. Anderson	Cmdr. E. W. Davis
Capt. W. O. Floyd	Cmdr. D. C. Goodman
Capt. C. E. Gaylor, MC	Cmdr. R. G. Jack
Capt. J. L. Hull	Cmdr. W. W. Lippold
Capt. F. K. Loomis	DC
Capt. J. B. McLean	Cmdr. S. L. Mead
Capt. J. M. Robinson	Cmdr. C. H. Neel
Cmdr. R. E. Ball	Cmdr. A. K. Romberg
Cmdr. S. W. Betts	Cmdr. W. J. Salmon
Cmdr. A. J. Carlson	Cmdr. T. G. Wallace
Cmdr. R. W. Carter	Cmdr. M. W. White
Cmdr. N. W. Curtin	

USMC

Lt. Col. E. E. Brack	Col. M. G. Brown
ett, Jr.	Lt. Col. J. O. Holmes

Regular AF Promotions

The president this week sent to the Senate the nominations of the following officers of the US Air Force for promotion to first lieutenants:

Harry J. Adams	Richard J. Hudlow
William L. Arave	Thomas B. Kreiger
John K. Bassett	Robert T. Latshaw, Jr.
Paul F. Boehm	Robert L. Leuchtmann
Richard C. Briggs	Delbert O. Like
Howard T. Bunge	James E. Murrell
Homer S. Davis	Thomas N. Peebles
George E. Dillard	James E. Ricketts, Jr.
Robert Dingeldein	Robert E. Sadler
Robert L. Edge	Shannon J. Sanders
John B. Everett	Ward A. Steorts
George A. Fox	Joseph H. Turner
Edmund P. Gaines, Jr.	Julian R. Vidmer, Jr.
Arthur R. Garlington, Jr.	Foster G. Warren, Jr.
Alva M. Hallenbeck	Charles R. Yeager
Roy L. Harris, Jr.	Randall G. Yeager, Jr.
Richard A. Hartzell	Philip V. Howell, Jr.

New Military Pay Plan

(A uniform military pay system for the National Military Establishment which will enable soldiers, sailors, and airmen to draw their pay promptly anywhere in the world will be put into effect 1 July. Operation of the new pay plan is described in the following article, prepared for ARMY and NAVY JOURNAL readers, by Maj. Gen. E. M. Foster, Chief of Finance of the Army.)

By MAJ. GEN. E. M. FOSTER, USA
Chief of Finance of the Army

THE utmost in loyalty and patriotism does not preclude, on the part of our military personnel, a justifiable concern about their monthly pay. From the earliest days in our military history when



Maj. Gen. Foster

General Washington appointed a paymaster for his Continental Army, and as it developed during the years into what is now a gigantic disbursing system under the direction of the Chief of Finance, the Finance Department—in carrying out the ever expanding mission imposed on it by successive laws and Army regulations—has made axiomatic the principle that prompt payment of the soldier is a military must. During these years we have worked continuously for the development of a more efficient and accurate finance service and those efforts have now been culminated in the new system which will be initiated by the Army and Air Force on 1 July 1949.

The present system was adopted prior to World War I and apparently satisfied requirements until the large scale and mobile operations of World War II proved to be uneconomical and unsatisfactory for wartime use. The system not only proved cumbersome in the paying process but resulted in serious difficulties in subsequent accounting operations and in the settlement of claims involving back pay, allotments and allowances of military personnel.

For this reason, shortly after V-E Day the Finance Department began studies of the current system with the objective of improvement of fiscal controls, simplification of disbursing procedures and establishment of a centralized financial record for the entire military career of each individual in the service.

While these studies were underway the Director of Personnel and Administration, GS, USA, proposed to the Armed Services Personnel Board that consideration be given to the development of a uniform pay system for all services. Shortly thereafter a sub-committee of that Board was created to consider standardization of the pay systems of the services. The internal board personally appointed by the Chief of Finance to work on the problem was dissolved and its members transferred to the newly appointed sub-committee thus providing that group with a substantial nucleus of personnel and data at the outset of their deliberations.

The plan finally developed by the sub-committee was approved and recommended for adoption in May of 1948 and proved to be essentially the same as the systems in use by the Navy and Coast Guard and the one subsequently adopted by the Marine Corps on 1 July 1948.

The new system is a complete departure from current Army and Air Force procedures. Cumbersome unit payrolls and individual vouchers will be eliminated; mechanical equipment—hand operated for mobile units, and electrical for permanent offices—will preclude repetitiveness typing with its recurrent opportunity for errors; the same procedure will apply for payment of both enlisted and officer personnel and a multitude of other minor deficiencies inherent in the current system will also be eliminated.

Key to the new plan is the "MILITARY PAY RECORD"—a master record card (10" x 14") containing all data concerning the pay of an individual—which is maintained by the disbursing officer for each enlisted man and officer. A new record is initiated every six months and the old one forwarded to the Army Fi-

nance Center in St. Louis for auditing and retention as a permanent record. The resultant accumulation in one central office of these records thus will provide a master pay record covering the entire period of service of each individual and will greatly reduce the time and cost of processing future claims involving pay.

The new pay records will be established by disbursing officers prior to 1 July 1949 on the basis of information provided by personnel officers. Subsequent changes, such as promotions, entitlement to various additional pay or changes in allotment deductions, will be reported to the disbursing officer by means of "The Military Pay Order," appropriately annotated to show the type of change. Personnel officers and individual officers are responsible for reporting changes promptly to the proper disbursing officer.

Actual payment to individuals will be made from what is termed a "Military Payroll Money List." Prior to the end of each month this list of names showing the amount in even dollars due each individual, as computed from the pay record, is prepared and one copy forwarded to the unit where the individual is permitted to indicate the amount he elects to draw. This copy is then returned to the disbursing officer for completion of the other copies which are used as the paying instrument.

After acceptance and recommendation of the new plan by the Personnel Board, detailed planning and implementation became a major project of my office. With a target date of 1 July 1949, specially designated officers immediately set about the primary task of obtaining full approval and concurrence of Army and Air Force officials, and preparation of the implementing directive which was finally published as SR 35-2000-1, March 1949.

The problems encountered were many and varied, involving consideration of personnel ceilings; work loads; design, preparation, procurement and distribution of new forms; procurement and distribution of equipment for disbursing officers throughout the world; control and utilization of the funds provided for implementation of the new plan; arrangements for training and instruction of operating personnel; a revision of present accounting procedures; and coordination with interested agencies of all actions pertaining to the preceding factors.

Although many of the above considerations were difficult of immediate resolution, a succession of seemingly insurmountable obstacles were overcome and, as each phase was completed, additional opportunities for greater efficiency and additional economies came to light. In the procurement of forms alone a saving of some three hundred thousand dollars was effected by a change of specifications in one of the important forms. The pilot operation set up at Fort Belvoir, Virginia to test the procedures was also utilized for training and instruction of operating personnel who were called in from worldwide commands to observe and become familiar with actual operations of the new system. All finance officers en route to new assignments in overseas commands were required to attend this training course to facilitate the installation of the new pay plan within their respective oversea commands.

Successive releases and articles in such semi-official media as the Army Information Digest, Report to the Army, the Armed Forces Newspaper Service Clip Sheet and in the public press covered salient features for the benefit of the individuals who had merely a personal interest in the new system. Finance Department personnel in the field were kept advised of progress and latest developments, through official informational bulletins, and special representatives of my office have been sent into the field to assist commanders in local installation of the system.

Recognition of the current trend toward maximum utilization of scientific management tools and principles has been a guiding factor in the development and installation of this new system. Greater efficiency and economy, two major objectives of all management efforts, are made possible by the new procedures. Several duplicating and repetitive operations are eliminated: a reduction in operating costs will be realized not only by the Army and Air Force in the adjustment of pay and

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allowance claims and in the establishment of more satisfactory procedures for reconciliation of allotment payments against actual pay deductions, but also by the General Accounting Office in the resultant simplification of procedures for audit of disbursing officers accounts.

Even in the absence of any immediate reduction in operating costs the merit of the new system is evident when viewed in the light of certain intangible benefits which are discernible only to those directly concerned with its operation. Chief among these benefits are the favorable morale factors which will result from the provisions which will permit prompt and accurate payment of personnel regardless of location, and notwithstanding changes of duty stations and elimination of many insignificant but often annoying details presently in the preparation and payment of payrolls and pay vouchers.

These many factors, both intangible and concrete, will contribute not only to the morale and efficiency of our soldiers and airmen but will also be reflected in a further advance toward the goal of providing maximum value for each American tax dollar spent in the development and maintenance of our peacetime Military Establishment.

Marine Corps Supply Department

(Continued from Page 1227)

of emergency.

For example, during World War II the Supply Department procured over 70% of the dollar value of all supplies it used from the Army and Navy. Less than 30% were procured commercially or manufactured by the department itself.

Despite the fact that large expenditures of funds for quantities of strictly military type material (generally all procured under single service procurement) are not contemplated, it is estimated that 65% of all material used by the Marine Corps will be procured from other Government activities and 35% from commercial or Marine Corps facilities during the Fiscal Year 1950.

This is believed to be the maximum of material which can be procured under single service procurement at the same time permitting the Marine Corps to maintain an active and effective procurement organization capable of expansion in time of emergency when, in the experience of the Marine Corps, single service procurement has a tendency to become decentralized to the using services with disturbing rapidity.

Few of the problems of supply activities of other services do not have their counterparts in the Supply Department of the Marine Corps. The identification, repair and maintenance of that portion of the supplies remaining on hand after V-J Day as a war reserve still remain a challenge to all armed services working under strict budget limitations. The redistribution and disposal of this material is no less a problem than its repair and maintenance. Mobilization planning must be carried out although with staffs which are inadequate in numbers to make satisfactory progress in a field which is becoming more and more complicated and time consuming.

Highly centralized control over policy regarding the entire range of Supply Department tasks has simplified these tasks immeasurably. The tasks have been clearly defined. Their accomplishment is being expedited to the utmost.

Named Deputy Port Comdr.

Col. Eustis L. Poland, former chief of the intelligence section of Fourth Army headquarters, has been named deputy post commander of Fort Sam Houston, Tex.

Colonel Poland entered the Army in 1914. Prior to reporting for duty with Fourth Army, he was stationed in Korea. He is a graduate of the Command and General Staff School, the Infantry School and the Chemical Warfare School. He succeeds Col. J. V. Collier, who has been transferred to California.

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THE Commandant of the Marine Corps and Mrs. Clifton B. Cates introduced to society their daughter, Miss Ann Willis Cates, Friday, 17 June, in the Commandant of the Corp's quarters at the Marine Barracks.

At the beautifully appointed tea table were Mrs. George Barnett, Mrs. Thomas Holcomb and Mrs. Alexander Vandegrift, whose husbands have been former Commandants and who have lived in the lovely old mansion. Mrs. Louis Denfeld, wife of the Chief of Naval Operations, Mrs. John L. Sullivan, wife of the former Secretary of the Navy and Mrs. O. P. Smith also assisted and a group of young women also did their bit. They were the Misses Virginia Shepherd, Baylor Diver, Nancy Clement and Jane Pollock.

White organdy was the choice of the debutante for her party frock, with a fuchsia sash and a bouquet of old-fashioned posies. Born in China, Miss Cates, like other Navy daughters, has travelled the globe over with her parents, and in December she will have a coming-out ball. This past week she graduated from Miss Porters' School at Farmington, Conn.

At the new home of Col. and Mrs. Clinton Harrold in Belle Haven-Alexandria, Va., they in conjunction with Lt. Col. and Mrs. Phillip Draper, Jr., gave a party to welcome the coming and speed the parting guests, as Col. Harrold's brother, Brig. Gen. Thomas L. Harrold and his wife and the latter's mother, Mrs. Phillip Draper, sr., have recently returned from Heidelberg and are on their way to Fort Knox, Ky., where Gen. Harrold will be assistant Commandant. Also Gen. and Mrs. Draper are leaving this summer for London, where Gen. Draper will be assistant Military Attaché for the U. S. Embassy. Some of the guests at this party were Lt. Gen. and Mrs. Thomas Larkin, Maj. Gen. and Mrs. Herman Feldman, Brig. Gen. and Mrs. Sumner Waite, Brig. Gen. and Mrs. Vernon Pritchard, Col. and Mrs. Daniel Torrey, Col. and Mrs. A. J. Biddle, and Col. and Mrs. Robert Hollis. The three sons of Gen. and Mrs. Harrold are due shortly for leave—Sherman, a

SERVICE SOCIAL NEWS



Top row (left to right) Mrs. Ennis Clement Whitehead, Jr., the former Miss Novella Gibson, who was married 18 June at Bronxville, N. Y., to Lt. Whitehead, USMA '48, son of Lt. Gen. and Mrs. Whitehead, USAF; Mrs. Bryan Evans, Jr., the former Miss Nancy Anne Click, who was married to Lieutenant Evans, 12 May at Ft. Sill, Okla.; Mrs. Keith Brooks, the former Miss Shirley Jeanne Parks, daughter of Col. and Mrs. Hugh R. Parks, who became the bride of Mr. Brooks on 18 June at New Wilmington, Pa. (Harris & Ewing Photo); and Mrs. William J. Cummings, the former Miss Louella Claire Plummer, who was married to Lt. Cummings; USA 18 June at Knoxville, Tenn.

Bottom row (left to right) Mrs. George E. Handley, Jr., the former Miss Kathleen Garvin, daughter of Brig. Gen. and Mrs. Crump Garvin, who was married to Captain Handley 26 May at Yokohama, Japan; Mrs. Roland E. Peixotto, the former Miss Catherine Otterman, who was wed to Lieutenant Peixotto, 7 June at West Point, N. Y.; Mrs. Robert Cully Brown, the former Miss Margaret Lucretia Williams, daughter of Capt. and Mrs. Milo R. Williams, USN, who was married to Mr. Brown on 18 June in Washington, D. C.; and Mrs. Mary Newson DeFrance, whose engagement to Cadet Buswell Emory Round, Jr., USMA '50, son of Col. and Mrs. Round, has been announced.

first class man from West Point; Tommy, a second classman and Arthur who has been attending prep school at Sewart Field, N. J., and who is later going on to Sullivans Prep School in Sept.

Roger Paddock Ellman, son of Col. Paul M. Ellman, USAF Director of Installations, Headquarters First Air Force, Fort Slocum, N. Y., and the late Mrs. Ellman, has been appointed to the U. S. Military Academy, where he will report 1 July. He placed first in the competitive presidential examination.

The Army-Navy-Air Force Cotillion Committee regrets to announce that due to a change of station for Colonel Mead, Mrs. Armistead D. Mead will be leaving town shortly and will not be able to be in charge of Membership for the Cotillion. Mrs. Emerson L. Cummings, wife of Col. E. L. Cummings of the West Point Class of 1924, and a member of the committee has kindly consented to take charge of membership.

Army-Navy and Air Force Juniors desiring to become members of the next year's Cotillion which will start in November are urged to send in their applications to Mrs. Cummings as soon as possible because the membership is limited and the lists are filling quickly. Please send the application in the form of a letter giving the qualifications for membership to: Mrs. E. L. Cummings, 3515 Coryell Lane, Alexandria, Va.

The Washington Chapter, Class of 1927, U. S. Military Academy, held its summer picnic, 17 May, at the quarters of Maj. Gen. and Mrs. Lawrence S. Kuter, Andrews AFB, Md. Those present included: Col. Ralph A. Zwicker, Col. and Mrs. Henry M. Zeller, Col. and Mrs. Elmer M. Webb, Col. and Mrs. Thomas L. Watlington, Col. and Mrs. Robert G. Turner, Col. and Mrs. Kenneth E. Thiebaud, Col. and Mrs. Lawrence E. Shaw, Col. and Mrs.

Antulio Segarra, Col. and Mrs. Harry O. Paxton, Col. and Mrs. Guy S. Meloy, Jr., Col. and Mrs. Dana P. McGowen, Col. and Mrs. George E. Martin, Col. and Mrs. Gerald F. Lillard, Col. and Mrs. Olaf H. Kyster, Jr., Col. and Mrs. Howell H. Jordan, Col. and Mrs. Max S. Johnson, Col. and Mrs. Charles R. Hutchison, Mrs. Francis E. Howard, Col. and Mrs. John T. Hopper, Col. and Mrs. Henry J. Hoeffer, Col. D. T. Foley, Col. and Mrs. Manuel J. Asensio, and Col. and Mrs. Robert C. Aloe.

Admiral and Mrs. Timothy Keleher recently came down from their present home in New York for a visit in Washington and Annapolis where they have many friends after being stationed in both posts for some years. They have leased an apartment at England House, Prince Georges Street at Annapolis for the autumn, with view of making it their home, the Admiral being retired.

Carleton Jenks Sweetser, son of Capt. Harold H. Sweetser, AUS-Ret., and Mrs. Sweetser, of San Francisco, was ordained to the Sacred Order of Deacons of the Episcopal Church on 10 June, last. The rites, held in Christ Episcopal Church, Alameda, Calif., were attended by many family friends, and the young man was ordained by the Rt. Rev. Summer Walters, S.T.D., the Bishop of San Joaquin.

The Rev. Mr. Sweetser, who is a first Lieutenant in the Army Medical Corps, Reserve, served in Europe during World War II with the 194th General Hospital, and the 134th Evacuation Hospital. He is a graduate of the University of Califor-

nia and General Theological Seminary, New York City. At his seminary graduation recently he qualified for the degree of Bachelor of Sacred Theology, which will be formally conferred following his ordination as Priest next year.

After spending a few weeks visiting his parents at their home, 2543 Thirty-fifth Ave., San Francisco, the Rev. Mr. Sweetser will assume his new duties as Curate of Christ Episcopal Church, Poughkeepsie, N. Y.

The quarters of Vice Admiral and Mrs. William Morrow Fechteler in the old Navy Hospital grounds at 23d street and Constitution ave., were thrown open to some three hundred guests Saturday afternoon, 18 June for the coming-out party of their daughter, Joan, who was a pretty picture in an organdy frock over shell-pink taffeta, trimmed with Wallace, against a background of myriad flowers.

Mrs. Fechteler was in a toast-colored lace gown with a corsage of Rothchild lilies, and the bud's great aunt, Mrs. Henry Latrobe Roosevelt, widow of a former Assistant Secretary of the Navy, wore a smart gown of black chiffon with picture hat also in black.

A stringed orchestra played on the porch overlooking the grounds. Presiding at the flower laden table were Mrs. Louis Denfeld, wife of the Chief of Naval Operations; Mrs. Smith Hempstone, Mrs. Victor Barringer, Jr., Mrs. William D. Chandler, Mrs. John P. Whitney, Mrs. William T. Clement, Mrs. C. Turner Joy, Mrs. Robert B. Carney, Mrs. Arthur B. Miles, and Mrs. Edward Solomons. Two of the debutante's God-mothers also assisted the hostess—Mrs. H. D. Clark and Mrs. Leonard Austin with the wife of her god-father, Mrs. Walter C. Calboun.

After the debut party was over, the parents, Admiral and Mrs. Fechteler, entertained at a buffet supper some other guests, including Rear Admiral and Mrs. Clark, Rear Admiral and Mrs. Austin of Bucks' County, Pa., and Capt. and Mrs. William Ludlow of the Eastern Shore of Maryland.

Weddings and Engagements

M. R. and Mrs. Thomas Eugene McAndrews of Norfolk, Va., announce the engagement of their daughter, Rosemary, to Lt. (jg) John Winfield Enyart, USN, son of Capt. and Mrs. John Leslie Enyart of Chevy Chase, Md.

Miss McAndrews attended Lacordaire Academy, Montclair, N. J. and graduated from Miss Turnbull's School, Norfolk, Va. She was graduated from Rosemont College, Pa., in 1948.

Lieutenant Enyart was graduated from the U. S. Naval Academy in 1945. He is now attached to the U. S. Composite Squadron VC-33.

The wedding will take place in the late summer.

At 9 A. M. today, 25 June, in the Chapel at Randolph AFB, Texas, Miss Julie Pitta, the daughter of Mr. and Mrs. Antonio V. Pitta will become the bride of Lt. John F. White, son of Mr. and Mrs. Frank J. White of Worcester, Mass. The Rev. Father Sammon will officiate at the double ring ceremony.

The bride, to be given in marriage by Mr. Harold Hagens, will wear a gown of white marquise with a ruffled train, her fingertip veil attached to a bonnet of lace. She will carry a white prayer book with a white orchid and white stephanotis. Mrs. Lawrence M. Hohlaus will be matron of honor and Misses Margaret Mary Willert and Elva Adele Hale bridesmaids.

Lt. White will have as his best man Lt. Jerome A. School, Lts. Bernard C. David (Continued on Next Page)

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Weddings and Engagements

(Continued from Preceding Page)

son, Alfred Jeanotte, Cameron Wiley, Wayne H. Luetchford, William M. Porter, Jeanne W. Stricht, Lovio L. Akkola and Rudolph G. Mattson will assist as ushers and form an arch of sabres for the bride and groom.

After a short wedding trip, the couple will make their home in San Antonio, Texas where Lt. White is stationed.

Col. and Mrs. Lewis Peyton Jordan of Fort Hamilton, N. Y., announce the engagement of their daughter, Mary Louise, to Capt. Thomas James Anthony, USA.

Miss Jordan attended the Diplomatic School of the Latin American Institute in New York. Capt. Anthony is stationed at the New York port of embarkation and is the son of Mr. and Mrs. Wess F. Anthony of Cincinnati, Ohio. He attended Xavier University in Cincinnati before entering the Army. The wedding will take place at Fort Hamilton Post Chapel in July.

The Secretary of the Air Force and Mrs. W. Stuart Symington went to St. Louis for the wedding 21 June of their son, Mr. Stuart Symington and Miss Janey Studt, daughter of Mr. and Mrs. Sidney M. Studt, which took place in the Central Presbyterian Church and was followed by a reception at the bride's home. She has just finished her junior year at Vassar. For her wedding, she was gowned in white lace and tulle with veil held by a wreath of orange blossoms.

Mr. Symington is the grandson of Representative and Mrs. James Wadsworth, a great grandson of the late John Hay, secretary to President Lincoln and U. S. Ambassador to the Court of St. James.

Miss Novella Gibson, daughter of Mr. and Mrs. Banks Chapman Gibson of Bronxville, N. Y., was married 18 June to Lt. Ennis Clement Whitehead, Jr., son of Lt. Gen. Ennis Clement Whitehead, USAF Commanding General of the Continental Air Forces, and Mrs. Whitehead of Mitchell AFB, N. Y.

The bride was given in marriage by her father. Her gown was of white satin and Chantilly lace and her veil was of French illusion with a bonnet of Chantilly lace and orange blossoms from her mother's bridal veil.

The maid of honor, Miss Jeanne Willcox of Columbus, Ohio, and her two bridesmaids, Miss Emmy Lou Davis of Omaha, Neb., and Miss Clifford Henderson of Pleasantville, N. Y. were all classmates of the bride at Vassar College.

Lt. Whitehead's best man, Lt. Frederick Tibbets, and the ushers, Lt. Richmond Cooper, cousin of the bride, Lt. James Hooker, Lt. Donald Dechan and Lt. John Creed were all, likewise, classmates of the groom at the US Military Academy, class of 1948.

The parents of the bride entertained at a reception following the ceremony at the Manor Club in Pelham Manor, N. Y.

Lt. and Mrs. Whitehead will go to Germany for station.

Mr. and Mrs. Frederick R. Seltzer, announce the engagement of their daughter, Claire Elizabeth, to Charles Thomas Howard, Midshipman, USN, son of Mr. and Mrs. Philip Howard, Kansas City, Missouri.

Miss Seltzer is a member of the 1950 graduating class of Maryland College for Women. Midshipman Howard is a member of the June 1950 graduating class of the U. S. Naval Academy. No date has been set for the wedding.

In the Westminster College Chapel, New Wilmington, Pa., on Saturday, 18 June, Miss Shirley Jeanne Parks, daughter of Col. and Mrs. Hugh R. Parks of Washington, D. C., became the bride of Mr. Keith Brooks, son of Mr. and Mrs. Sam Lewis of Newcastle, Pa.

The bride wore an ice blue satin gown with high neckline, buttoned front, fitted bodice, full skirt and long cathedral train, with a veil of imported blue mist illusion over a tiara of orange blossoms. She carried a white Bible with a white orchid. Her maid of honor was Miss June Menn of Pittsburgh. Bridesmaids were Miss Betty Yahn and Miss Mary Galbreath, both of New Wilmington.

Mr. and Mrs. Brooks will be at home at 366 S. Winebiddle Ave., Pittsburgh, Pa.

The marriage of Miss Jean Simmons, daughter of Mr. and Mrs. Cecil C. Simmons of Mountain Lakes, N. J. to Lt. David Lee Arnold, USAF, son of General of the Air Force Henry H. Arnold, and Mrs. Arnold of Sonoma, Calif., took place 10 June in the Cadet Chapel at West Point. The ceremony was performed by Chaplain Frank E. Puley.

Escorted by her father, the bride had Miss Joan Sweeney of Mountain Lake for her maid of honor and, as bridesmaids, the Misses Ann Hisey of Johannesburg, South Africa; Joan Pratt of Worcester, Mass.; Barbara Scanlon of Union, and Tatiana Virrak of Miami, Fla.

Lieut. William Lambert was best man for the bridegroom. The ushers, also lieutenants, were Richard Carveth 3d, Charles Nulsen, Robert Owen, St. Clair Street and Hugh Wynne. A reception was given at the Hotel.

The bride attended Middlebury College for three years. Her husband went to the Landon and Sullivan Schools in Washington before entering West Point. His two elder brothers also were graduated from the Military Academy. They are Lt. Col. Henry H. Arnold Jr., class of '40, and Capt. William Bruce Arnold, '43. Their father was graduated in 1907.

On the afternoon of 18 June at the U.S. Navy Communication Chapel, Washington, D. C., Miss Margaret Lucretia Williams, daughter of Capt. Milo Ryan Williams, USN, and Mrs. Williams of Pearl Harbor, T. H., was married to Mr. Robert Culley Brown, son of Mr. and Mrs. Joseph Culley Brown of Haddonfield, N. J.

The bride wore a white satin gown made with a sweetheart neckline, edged in lace. Her veil was of illusion and she carried a crescent bouquet of white gardenias and baby's-breath with a white orchid center. Miss Helen Lucille Williams of Chicago, Ill., was her sister's maid of honor and Miss Mary Marguerite Vicars of Wise, Va., was the only bridesmaid.

Mrs. Peter B. Causey of Washington, D. C., was Mr. Brown's best man, and the ushers were Mr. George Henry Becker, Jr., Lt. Laren Thompson, USNRE, and Lt. (Jg) Patrick J. Mulligan, USNR.

The couple will be at home at 1138 So. Thomas St., Arlington, Va.

The marriage of Miss Caroline Stewart and Lt. Trevor Washington Swett, Jr., USA, was solemnized 8 June in the Cadet Chapel at West Point.

The bride, who is the daughter of Mr. and Mrs. John W. Stewart of LaGrange, Ga., wore a white satin gown with lace yoke and carried a bouquet of roses, baby's-breath and gardenias.

The bridegroom is the son of Col. Trevor Washington Swett, USA (ret.) and Mrs. Swett of Chevy Chase, Md. The bride is a graduate of Northfield School and Smith College.

Lieutenant Swett was graduated from Mount Hermon School and the U. S. Military Academy this year. After 1 August, Lt. and Mrs. Swett will live at Junction City, Kansas, while Lt. Swett is stationed at Fort Riley.

Miss Helen Fredricka Decker, daughter of Mrs. Arthur J. Decker and the late Arthur J. Decker of Washington, D. C., became the bride of Lt. Col. Bruce Pierce, USA, son of Mr. James H. Pierce and the late Mrs. James H. Pierce of Three Rivers, Calif. The wedding took place on 18 June in the Metropolitan Methodist Church of Washington, D. C. Dr. Edward G. Latch officiated. A reception followed at the home of the bride's mother. The bride was given in marriage by her uncle, Mr. Guy Flester.

The bride's gown of organza was trimmed with pleated ruffles. Clusters of orange blossoms adorned her fingertip veil of illusion. She carried a small cascading bouquet of stephanotis with an

orchid center.

The bride was attended by her sister, Miss Charlotte Decker, as maid of honor; her niece, Miss Helen Ham as flower girl; and Misses Elizabeth Gienger and Ruth Bickford as bridesmaids.

Capt. Charles R. Bootz was best man. Lt. Col. A. V. Hamilton, Capt. Paul Siebenich and Capt. W. C. O'Kelly of the Office of Chief of Ordnance and 1st Lt. Warren J. Meyer and Lt. Martin Kalista of Aberdeen Proving Grounds, served as ushers.

The bride is a native of Washington and a graduate of Wilson Teachers College.

Colonel Pierce is a native son of California and a graduate of Leland Stanford University. He has been on duty in the Office of Chief of Ordnance since 1946. The couple will make their home in Ithaca, New York, where the groom is taking a two year graduate course in engineering at Cornell University.

The Zeta Tau Alpha house in Ann Arbor was the scene of the marriage of Helen M. Starr, daughter of Mr. and Mrs. Ray G. Starr of Muskegon, and John E. Wunch, son of Comdr. and Mrs. E. W. Wunch of Dearborn, on 11 June.

Miss Molly Starr was maid of honor for her sister, and Miss Sally Starr and Miss Grace Wyman served as bridesmaids. All of the attendants were attired in white faille and carried bouquets of red roses.

The groom was attended by his brother, Midshipman Edward Philip Wunch of the US Naval Academy as best man. The ushers were Lansing Jones, James Kemish, and Philip Linscott, fraternity brothers of the groom.

A small reception was held.

Three hours after her wedding the bride received her A. B. degree from the University of Michigan. The groom, a member of Acacia fraternity, was graduated from the University in February, 1948. The couple are motoring south for a ten-day honeymoon in the Smokies.

Lt. Mary Louise Shadley, ANC, daughter of Mrs. Lucille E. Shadley of Ada, Ohio, and Mr. Delmar Shadley of Lima, Ohio, became the bride of Lt. Perry Wilson Wales, son of Mr. and Mrs. Harold W. Wales of Detroit, Mich., 18 June at Camp Chaffee, Ark., with Chaplain J. W. Johnson officiating at the double ring ceremony.

The bride wore a lovely wedding gown of white marquisette with a low neckline. The tight fitted bodies flowed into a bustle, effecting a picturesque train of exquisite lace and marquisette. Her finger tip veil was held in place by a tiara of white seed pearls. The bride's only jewelry was a small strand of pearls. Her colonial type bouquet was made of a white orchid surrounded by stephanotis.

The bride was given in marriage by Col. John A. Worrell, commanding officer of the station hospital at Camp Chaffee, Arkansas. Capt. Geraldine Jones, ANC, attended the bride as Matron of Honor. Bridesmaids were Capt. Alice Loken and Lt. Catherine Danker, both of the ANC. Mr. Charles E. Wales attended his brother as best man. The ushers were Maj. Carroll McFall, Jr., and Lt. Alfred McIlquham, both of Camp Chaffee.

The couple left the Chapel under an arch of sabers formed by Capt. Kenneth A. Lain, Capt. George M. Powers, Lt. Paul W. Hamblin, Lt. Charles E. Rich, Lt. Joseph M. Solari, and Lt. Malcolm M. Randolph.

Mrs. Guy Lewis Edie has announced the marriage of her daughter, Mary Edie Watson, and Carroll Earl Beauchamp Peeke. Member of a pioneer California family, Mrs. Peeke is the daughter of Mrs. Edie and the late Colonel Edie, MC, USA. She is the great-granddaughter of the Rt. Rev. William Ingraham Kip, first

Episcopal Bishop of California, and a niece of the late Canon William Kip, for whom Cannon Kip Community House in San Francisco is named.

Colonel Peeke, a former Washington and San Francisco newspaperman, is a graduate of the University of California with the class of 1921 and veteran of both World Wars. During World War II he was on duty in the Bureau of Public Relations, and served overseas in Brazil and with the Fifth Army in the Italian campaign. He was decorated with the Star of Abdon Calderon of Ecuador, the Military Cross of Brazil, and received the Commander's Cross of the Order of the Crown of Italy from King Humberto.

Colonel Peeke is now head of the Veterans Administration Information Service at San Francisco. Following a wedding trip to Canada, Colonel and Mrs. Peeke will be at home after 1 July at 2315 Divisadero Street, San Francisco.

Miss Betty Blair Denit, daughter of Maj. Gen. and Mrs. Guy Blair Denit, USA, HQs European Command, was married to Mr. Franklin Randolph Stewart of Denver, Colo., in a beautiful garden setting 11 June at the home of Mr. and Mrs. Worth B. McCauley, Nurnberg, Germany.

Chaplain Ariel H. Achtermann, USA, of Nurnberg Military Post performed the ceremony before an altar erected in an alcove of evergreens and flowering shrubs.

Given in marriage by her father, the lovely bride wore an ice blue linen suit with matching shoes and accessories. Her hat was fashioned of ice blue silk braid and veiling, and her bridal bouquet was a shower of white orchids.

Miss Dolores Goeldner of Nurnberg was maid of honor. The groom had for his best man Judge William Clark, Chief Justice Court of Appeals Military Government in Germany. The ushers were Maj. Alice Miller and Capt. Cora Walker of the Womens Army Corps. They were summer uniforms.

Miss Veta Merle Foote, daughter of Mr. and Mrs. Wm. H. Foote of Asheville, N. C., and 1st Lt. Homer A. Wright, USA, son of Col. and Mrs. Robert L. Wright, USA Ret., of Sedgefield, Greensboro, N. C., were married 14 June in a charming ceremony at the bride's home. The double-ring ceremony for the immediate families was followed by a reception for a few close friends.

The bride, who was given in marriage by her father, wore a gown of ice-blue embroidered organza, made with a full skirt and drop-shoulder effect. She was attended by her sister, Miss Virginia Foote. Mr. John L. Mullen of Charlotte, N. C. was best man. Miss Marion Faust of Mebane, N. C. played several appropriate selections including the wedding marches.

Miss Foote attended schools in San Diego, Cal., Lee Edwards High School, Asheville, N. C., Northwestern University, Evanston, Ill., Asheville-Biltmore College and recently graduated Magna Cum Laude from Greensboro College with a degree of Bachelor of Arts.

(Please turn to Next Page)

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Weddings and Engagements

(Continued from Preceding Page)

Following a motor trip to Norfolk, Va., and Washington, D. C., Lt. and Mrs. Wright will be at home at Camp Chaffee, Ark.

Miss Doris Jane Murphy, daughter of Lt. Col. and Mrs. Joseph C. Murphy of 10 Park Road, Maplewood, N. J., was married Saturday, 11 June at a home ceremony to Ens. Frederick Charles Sachse, USN, son of Capt. Frederick C. Sachse, USN-Ret., of Egypt, Mass., and Mrs. Sachse of Ann Arbor, Mich. Rev. William F. Sheehan officiated.

Miss Suzanne Osborne of Maplewood was maid of honor and Owen Tyler of New York City served as best man. The bride attended Columbia High School and was graduated from the Kobe American School, Japan and completed her freshman year at the College of Fine and Applied Arts, University of Illinois. Ensign Sachse was graduated from the Peddie School and the U. S. Naval Academy, class of '47. He is attending Flight Training School at the Naval Air Station, Pensacola, Fla.

Capt. Fred W. Holt, SC, USN-Ret., and Mrs. Holt of Chevy Chase, Md., announce the marriage of their son, Frederick Sheppard Holt, to Miss Emily Kent Wright of Princeton, N. J., the afternoon of 11 June.

Mr. and Mrs. Holt will be at home at 52 Massachusetts Ave., Cambridge, Mass., after 1 Oct.

A typical California garden, carpeted in green grass surrounded by gay Spring flowers, was the setting for the marriage of Miss Mary Elizabeth Knapp, daughter of Col. and Mrs. Raymond E. Knapp to Ens. James Blanding Dick, Jr., USN, son of Jas. B. Dick of Stoneville, Miss.

Colonel Knapp, who shortly will go to the retired list of the Marine Corps, recently moved out of quarters. Therefore, Maj. Gen. and Mrs. Leo D. Hermle graciously offered their quarters for the nuptials which were performed by Capt. A. de G. Vogler, (ChC) USN, ret. at 4 P. M. on Saturday 18 June.

White organdie, trimmed in yards of dainty lace, was chosen by the bride for her wedding gown. She was charming in an old fashioned hoop skirt and short sleeve bodice over which fell the graceful folds of an illusion net veil held in place by a becoming Dutch clip, also of lace. Her bouquet was a combination of white carnations and stephanotis with dainty maiden hair fern.

The bride's attendants were Miss Marion Vaughan Hadley, maid of honor, Misses Catherine A. Fauntz, Charlene P. Ryder and Jean M. Hadley, bridesmaids, and little Norma Nicol, flower girl.

Ens. Andrew J. Van Tuyl was the best man and acting as ushers were: Lt. Alvin Thomas, Ensigns Gordon P. Kinney and Murray C. Cooke. These officers together with the guard of honor, Ensigns Robert Long, Paul Roitsch and Richard Nazro, formed an archway of swords beneath which the bride and groom passed at the conclusion of the ceremony.

A reception for 350 guests followed in the garden after which the bride and groom left for Jacksonville, Fla., where the officer will be attached to VF 131, Naval Air Station.

Posts and Stations

MONTEREY, CALIF. Admiral Mehmet Ali Ulgen, Chief of Naval Operations of the Turkish Navy, and three members of his staff, Rear Adm. Rifat Ozdeg, Capt. Aziz Ulusan, and Capt. Mehmet Saip Caner, arrived in Monterey recently for a four-hour visit. Admiral Ulgen and his party inspected the facilities of the U. S. Naval School, General Line, and paid a visit to Admiral R. A. Spruance, USN-Ret.

Capt. T. J. Casey, Commanding Officer of the Naval School, entertained at a luncheon in their honor. Attending the function were Admiral Spruance, Adm. R. K. Turner, USN-Ret.; Capt. T. J. Kelley, of Washington, D. C., Navy Department Liaison Officer; Capt. T. R. Wirth, of San Francisco, Twelfth Naval District Public Information Officer; Maj. Gen. R. H. Frederick, Commanding Officer, Fort Ord; Col. C. H. Barnwell, Commanding Officer of the Army Language School, Presidio of Monterey; Capt. J. C. Alderman, Commanding Officer of the Naval Auxiliary Air Station, Monterey, and Capt. P. D. Stroop, Capt. A. C. Perkins, Capt. W. E. Oberholzer, and Comdr. R. W. Kenney, of the Naval School.

KELLY AFB, TEX. Maj. Douglas W. Lund has been appointed Surgeon at Kelly AFB, according to an announcement made by Maj. Gen. Clements McMullen, commander of the San Antonio Air Materiel Area. Recently graduating from the School of Aviation Medicine at Randolph Air Force Base, Major Lund has been on active duty since July 1945. He attended Washington & Lee University and was graduated with a medical degree from the University of Virginia in June 1940.

MARBO, GUAM. Brig. Gen. and Mrs. R. E. Hardy entertained Col. Robert Blount, Consultant in Medicine for the Far East Command, at cocktails and dinner recently. Other guests were: Col. and Mrs. H. F. Hansen, Col. J. E. Graham, and Capt. M. M. Guinn.

EGLIN AFB, FLA. Representing every major air command and numbered Air Force in the country, a delegation of approximately 215 officers and 93 airmen will visit the Air Proving Ground, 8 and 9 June, to attend an Armament Conference, under supervision of Col. Wiley T. Moore, Deputy for Armament.

FAIRFIELD-SUISUN AFB, CALIF. Brig. Gen. Robert F. Travis has assumed command of Fairfield-Suisun AFB and the 9th Strategic Reconnaissance Wing of the 311th Air Division, Strategic Air Command. He arrived in Hawaii, where he served as Commanding General of the Pacific Air Command. Col. Raymond L. Winn, who has served as base commander since 1 May, in a temporary capacity, will return to the 311th Air Division, Topeka, Kans., as Chief of Staff.

FORT HAMILTON, N. Y. Brig. Gen. Paul F. Yount assumed command of the New York Port of Embarkation on 1 June. The General, Mrs. Yount and their daughter, Peggy, are now "at home" at Fort Hamilton, Col. James C. Ruddell the Post Commander, and Mrs. Ruddell, entertained at a dinner recently in their honor at the Fort Hamilton Officers' Club.

On 12 June polo returned to Fort Hamilton after an absence of 10 years. Miss Yount presented the winning team trophies to the Fort Hamilton Quartet, which defeated the Westfield players. Following the game, Post Chaplain Allan R. Fredine entertained at a Sunday night supper at the Officers' Club. A review was held for General Yount on 14 June, followed by a reception. The monthly tea was held in the Officers' Club on 23 June. Mrs. Robert C. Hanes was hostess, with Mrs. Yount and Mrs. B. F. Hayford presiding at the tea table.

WEST POINT, N. Y. Lt. Col. and Mrs. B. J. Smith have announced the adoption of a three and one-half month old boy, whom they have named porter Gordon Smith. Mrs. Smith is the former Ruth Alexander, daughter of General and Mrs. Roger Alexander. Mrs. O. Buckholts gave a baby shower in Mrs. Smith's honor on 8 June. Her guests included Mrs. Harris Jones, Mrs. Roger Alexander, Mrs. Herman Beukema, Mrs. R. P. Reeder, Mrs. E. A. Flanders, Mrs. T. A. Glowa, Mrs. C. L. Andrews, Mrs. H. L. Arison, Mrs. E. C. Dunn, Mrs. J. H. Rothschild, Mrs. J. M. Williams, Mrs. J. H. Utley, Mrs. H. J. Kregel, Mrs. P. C. Root, Mrs. J. R. Schrader, Mrs. J. C. F. Tillison, Mrs. W. R. Shanahan, Mrs. W. Morton, Mrs. A. A. Greene and Miss Ann Gatchell.

DAVIS-MONTHAN AFB, ARIZ. The B-29 "Enola Gay" is riding the skies again after being stored at Davis-Monthan AFB for the past three years. This famous craft, which carried the first atom bomb to Hiroshima, pointed her nose into the blue last week on an hour long test hop. The history making "Enola Gay" is being readied for her flight to be enshrined in the National Air Museum. At the controls of the "Enola Gay" during her recent test hop were 1st Lt. Junior M. Jamison, 43rd Air Refueling Squadron, pilot; and Capt. Marshall G. Hassenmiller, 304th Aircraft Storage Depot, co-pilot.

SMYRNA AFB, TENN. The Women's Club last week held its semi-annual election of officers for the ensuing six months. The nominating committee, composed of Mrs. Hoyt L. Prindle, Mrs. M. J. Welker, Mrs. John W. Taylor, Mrs. Clarence M. McCoy and Mrs. Alfred S. James, presented the slate of nominees which was added to with names from the floor. The new officers chosen are: Mrs. Hoyt L. Prindle, honorary president; Mrs. Rolf N. Romstad, president; Mrs. R. L. McCollough, first vice-president; Mrs. James L. Williams, second vice-president; Mrs. John S. Seize, secretary, and Mrs. William H. Beale, Jr., treasurer.

Following elections, the out-going officers, Mrs. Clark B. Proctor, Mrs. Douglas M. Peck, Mrs. Rolf N. Romstad, Mrs. Rowland D. Wolfe and Mrs. Lester L. Bissinger were hostesses to the group.

KITZINGEN, GERMANY. Five non-commissioned officers stationed at Kitzingen, all members of the 787th Education and Training Group, departed the European Command recently to attend the Officer Candidate School at Fort Riley, Kans. They are: Sgts. James Williams Cox, Clarence Mosley, Harvey Stewart, Emery Scroggins, and Joe R. McCray.

KOBE, JAPAN. Col. and Mrs. Stephen W. Ackerman were honored at a reception and dinner-dance held at the Sunayoshi Officers' Club, Kobe Base by the officers and ladies of the Port Command recently. The occasion was the Ackerman's first visit to Kobe. Colonel Ackerman is Transportation Officer, Eighth Army in Yokohama. Among the Transportation Corps and commercial transportation members welcoming them were: Lt. Col. and Mrs. H. W. Mansfield, Mr. and Mrs. Ward Beckwith, Lt. Col. and Mrs. A. B. Trammell, Maj. and Mrs. H. P. Andersen, Mr. and Mrs. Fred Hundertmark, Maj. and Mrs. W. B. Dyer, Maj. and Mrs. W. F. Murphy, Maj. and Mrs. H. A. Sanderson, Mr. J. H. Lundbeck, Maj. J. A. Savigny, Capt. and Mrs. J. L. Pierre, Mr. H. W. Buchanan, Mr. and Mrs. E. L. Hey, Capt. and Mrs. E. W. Sullivan, Capt. and Mrs. C. R. Gibson, Mr. L. C. Johnson, and Lt. and Mrs. N. M. Kisch.

ST. LOUIS ADMINISTRATION CENTER. The post commander and his staff officers with their families bade bon voyage to the Maj. Earl W. Smith family at a steak picnic in Forest Park recently. Major Smith has been Post Adjutant for the past 2 years. His new assignment is Yokohama.

The regular monthly meeting of the Ladies Auxiliary was held late last month. Capt. Min Sobel was elected Secretary-Treasurer to fill the unexpired term of Mrs. Earl W. Smith who expects to join her husband in Japan. The Ladies Auxiliary held a benefit card party on 2 June with Mrs. Luke B. Graham as hostess. The activities of the Auxiliary were terminated for the summer with a dance in the Officers' Club on 3 June.

GUNTER AFB, ALA. Graduates of the Air Communications and Electronic Staff Officers Course, Special Staff School 17 June were: Lt. Colonels Thomas S. Bond, Jr., Sterling K. Briggs, Arthur L. Cox, Jesse O. Gregory, F. M. Hardison, Edward A. Timm, William L. Zapponi; Majors Marcus H. Baldwin, Howard E. Beam, Charles A. Bell, James Eden-Kilgour, Charles R. Gajan, Edward Graham, Clarence F. Himes, Dennis V. Neill, Johnson A. Nye, Jr., Francis E. Quinlan, Taylor S. Shreve, James H. Tillary, Edward Verner; Captains Donald M. Mulcahy, William C. Packard, Jr., Wilbur C. Roberts. The class, the first to take the course, was addressed by Maj. Gen. Harold W. McClellan, deputy commander, MATS.

NORFOLK, VA. Comdr. and Mrs. Cooper Bright were hosts 14 June at a cocktail party given at their home in honor of Capt. Joy B. Hancock, USN, director of WAVES, who is Commander Bright's sister. Guests included Admiral and Mrs. Theta Combs, Capt. and Mrs. W. R. D. Nickelson, Capt. and Mrs. James Flatley, Comdr. Henry L. Miller, Lt. Comdr. and Mrs. Neff Bigelow, Lt. Comdr. Margaret Combs, Lt. William Goggins, USMC, and Lt. Alverna Miller.

Capt. A. M. Hurst, USN, and Mrs. Hurst have as their house guests at their quarters at the Naval Base, Mrs. Burst's mother, Mrs. Henry D. Styer of Coronado, Calif. Their son, Ens. James Styer Hurst, USAF, recently was graduated from the U. S. Naval Academy. Captain Hurst has just relieved Capt. L. N. Blair as District Intelligence Officer.

CHATHAM AFB, GA. The Officers' Wives Club of the 2nd Bombardment Wing met 9 June, when tentative plans for future activities were discussed. This was the first meeting to be held at Chatham AFB since the club was organized in Tucson, Ariz., shortly before the 2nd Bombardment Wing was transferred to Savannah.

Mrs. Perry Menzies, first vice-president, presided in the absence of the president, Mrs. Herbert Reinhardt. Other officials of the club are Mrs. John Shuck, second vice-president; Mrs. James Ratterree, recording secretary, and Mrs. William Bounds, corresponding secretary. Colonel Frederic E. Glantzberg, Commanding Officer of the 2nd Bombardment Wing, made a brief speech in which he outlined the importance of the club to military life.

FORT RILEY, KANS. Deborah Jill Logan, three-month-old daughter of a 10th Infantry Division officer, was christened here 19 June with holy water from the River Jordan. The christening was performed in Division Chapel by Chaplain Carl S. Ledbetter. Water used in the ceremony was brought here by Maj. William G. Blake, 10th Division officer who recently returned from duty in Palestine. According to Major Blake, the water was blessed by a Father Felipe of the Terra Santa Mission in the Israeli village of Tiberias, on the west shore of the Sea of Galilee. Deborah's father, Lt. Mehl M. Logan, has served with the 10th Division since its reactivation last July. He is the father of two other girls, Gwen, aged 10, and two-year-old Candy Logan, born on Saipan in 1947.

ORLANDO AFB, FLA. Lt. Col. William P. Hippler, Executive Officer, Orlando AFB, and Mrs. Hippler entertained at a farewell cocktail party 18 June, at their home for Capt. and Mrs. Waldo F. Potter, who are leaving soon for Biloxi, Miss. Approximately 30 guests were invited to attend. Captain Potter, Comptroller at Orlando AFB, since March 1949, will attend the Atomic Energy School at Keesler AFB, A graduate of West Point in 1943, he is the son of Brig. Gen. W. C. Potter, USA-Ret., of Oakland, Calif., a graduate of USMA in 1907.

CHARLOTTE, N. C. QM DEPOT. The 174th anniversary of the Quartermaster Corps was observed 16 June at the Charlotte Quartermaster Depot. The ceremony was presided over by Col. Fred M. Fogle, Commanding Officer, who introduced the speakers, Mayor Victor Shaw of Charlotte, and Col. Paul Kellogg, Third Army Quartermaster. Following the addresses a picnic lunch was served the guests and civilian employees.

YOKOHAMA, JAPAN. Lt. Gen. Walton H. Walker, Commanding General of Fort Eustis and Commandant of the Transportation School, addressed students of the Advanced Officer Class at Fort Eustis on 22 June on the subject "The Invasion of Southern France and Activities of the Third Army in the ETO".

Headquarters company, 8000th WAC Detachment and the 124th Army band, Troops, commanded by Maj. Donald H. McGovern, passed in review before the Commanding General, and Brig. Gen. Whitfield P. Sheppard, Eighth Army Military Government.

FT. ST. LOUIS ADMINISTRATION CENTER. The post commander and his staff officers with their families bade bon voyage to the Maj. Earl W. Smith family at a steak picnic in Forest Park recently. Major Smith has been Post Adjutant for the past 2 years. His new assignment is Yokohama.

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NEWPORT, R. I. Rear Adm. Lyman A. Thackrey, USN, who completed the advanced class at the Naval War College in May, was a recent speaker at the Newport Rotary Club.

The new d'Hauteville Court in Newport is attracting naval personnel. Recent leases of apartments there include Comdr. and Mrs. L. F. Bassett, Comdr. and Mrs. J. F. Felter and Lt. and Mrs. H. M. Shaffer.

Ninety midshipmen who arrived the past weekend at Quonset Naval Air Station on the Navy's huge flying boat, Caroline Mars, on the first such cruise ever arranged, were guests at dinner and a dance at the Rhode Island Country Club 21 June 1949, with Rhode Island debutantes of the 1947, '48 and '49 seasons as their dinner partners.

ANNAPOLIS, MD. The heads of the departments of the Naval Academy entertained last Friday at dinner at the Officers' Club in honor of Capt. and Mrs. Jesse R. Wallace, Capt. and Mrs. Frank T. Ward, Capt. and Mrs. William W. Hargrave and Capt. and Mrs. Rollie N. Norgaard, who are leaving the Naval Academy this week for other stations.

Comdr. Raymond Stone, USN-Ret., and Mrs. Stone were at home informally last Friday in honor of their 50th wedding anniversary. Their sons, Col. Raymond Stone, USA, of Puerto Rico and Col. Alexander Stone, USA, of Seattle, Wash., were unable to be present; but, their other sons and daughters-in-law, Mr. and Mrs. Thomas Stone, and Mr. and Mrs. Gregory Stone, and their son-in-law and daughter, Mr. and Mrs. Duval Allen were able to attend.

LA PLATA, MD. Effective 1 July, Army Radio Station, La Plata, Md., will have a new commanding officer, 1st Lt. Ernest Fisher, Sig C., who spent a year and a half on Guam. He is relieving 1st Lt. Thomas P. Cunningham, Sig C. under orders to leave for Heidelberg, Germany. Lt. Cunningham was married last April to Miss Linnie M. Gates of Albert City, Iowa.

CONNALLY AFB, TEX.—The officers' wives of Connally Air Force Base at Waco, Texas, enjoyed a breakfast 14 June. Hostesses for the day were Mesdames James F. Hensley, Robert A. Greene, James Fields and William V. Hamilton. Mrs. Arnold N. Bender, club president, spoke of many interesting experiences she had in Germany. Mrs. Darrel D. York told of her life in Japan. Mrs. Emmett B. Cassady gave a very interesting talk on her experiences in Uruguay.

After the talks, Mrs. John T. Sprague, wife of the Commanding Officer spoke on and answered questions about some of the social customs in the Air Force. Mrs. Bender announced that Mrs. Miguel Brown would replace Mrs. Van E. Neal as first vice-president of the club; Mrs. Lucius McHose would replace Mrs. Charles Johanson as assistant treasurer, and Mrs. Bertram C. Minamyer would replace Mrs. Carl J. Woodrich as publicity chairman. The next meeting of the club will be on 29 June and will be a dessert bridge. Hostesses for the day will be Mesdames W. H. Casterline, D. J. Howard, T. R. Keevey and Herbert Kelley.

FT. EUSTIS, VA. Brig. Gen. Walter J. Muller, Commanding General of Fort Eustis and Commandant of the Transportation School, addressed students of the Advanced Officer Class at Fort Eustis on 22 June on the subject "The Invasion of Southern France and Activities of the Third Army in the ETO".

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Posts and Stations

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during World War II." Maj. Gilbert A. Monti, a student of the Advanced Officer Class at the Transportation School, who is scheduled for duty as an instructor in the School's Combined Arms Branch upon graduation; and Capt. Robert A. Kelly, Commanding Officer of the 1st Student Officers' Company, were chosen to attend the football, basketball, boxing, and wrestling Coaching Course to be conducted at the United States Military Academy, West Point, N. Y., next week.

■ FT. BRAGG, N. C. Brig. Gen. Robert M. Cannon, 82d Airborne Division Artillery Commander, and acting Division Commander in the absence of Maj. Gen. C. E. Byers, was recently presented the Air Medal by Lt. Gen. John R. Hodge, Fort Bragg and V Corps Commanding General. General Cannon distinguished himself by meritorious achievement while participating in sustained operational flights in Burma during the period 1 Nov. 1943 to 3 Aug. 1944.

■ FT. SHAFTER, T. H. Mrs. Kendall J. Fielder was elected president of the Hui O Wahine at the annual meeting and luncheon held 7 June. She succeeded Mrs. William E. Shambora, outgoing president. Other officers elected to serve with Mrs. Fielder were Mrs. Joseph E. Crosby, vice-president; Mrs. R. M. Schmelz, secretary; Mrs. Lester Bork, treasurer; Mrs. F. L. Parks, Mrs. W. S. Elliott, and Mrs. William E. Shambora, members-at-large.

Mrs. George Honnen, first president of the organization, was extended the club's aloha and all committee chairmen were presented Hawaiian plates in appreciation of their work during the past year. Mrs. Henry S. Aurand, honorary president, presented a lei to Mrs. Shambora as a token of her leadership. Hostesses for the luncheon were Mrs. Lester Bork, Mrs. Stanley Chapin, Mrs. Albert Click and Mrs. Charles Lovin, all of Ft. Ruger.

■ POPE AFB, N. C. Two hundred and fifty-two Cadets of the Class of 1951 from the U.S. Military Academy, West Point, N. Y., arrived here 19 June to begin a week's training schedule with the Army and Air Force. The training of the Cadets will be conducted by the 82d Airborne Division, Army Field Forces Board I, and the Tactical Air Command. Training will include Tactical Air Force and Army cooperation, basic airborne training, orientation flights in CG 15-A gliders and Fairchild C-82 Packets.

■ SMOKY HILL AFB, KANS. Lt. Col. Jack Cunningham, commanding officer of the 33d Bomb Squadron, 301st group, has left Salina for Montgomery, Ala., where he will begin a five-month course in the Air Command and Staff School at Maxwell Air Force Base. A farewell party for Colonel Cunningham was held at the Officers' Club. At the speakers' table were Col. Joe Kelly, 301st Bomb Wing Commander; Mrs. Kelly, Mrs. Cunningham, Lt. Col. Frank W. Ellis, commanding officer of the 301st Bomb group, and Miss Lou Wilson of Salina. Maj. Robert E. L. Michie, 33d Squadron operations officer, will be in command of the unit during Colonel Cunningham's absence.

■ CASTLE AFB, CALIF. Despite sweltering heat the maintenance men of the 90d Bomb Wing must accomplish their important duties. And thereby hangs a hot-weather tale. On a typical "spring" day this week, when Merced, Calif., thermometers were clocking 100 degrees plus, a thermometer was placed in the forward compartment of a B-29 where an air-conditioner had been at work for one full hour. The mercury zoomed to 120 degrees.

On the flight line where the effects of the heat are felt most intensely, maintenance on the exterior of the planes is held to a minimum during the hottest part of the day—by necessity. The metallic bodies of the Superforts absorb such an extreme amount of heat that work on those parts in the heat of the afternoon sun is almost impossible. Such work is completed, when possible, in the very early hours of the morning. In emergencies, however, when such work must be done during midday, the line mechanics protect their hands and bodies from burning by using burlap rag as a buffer.

■ HAMILTON AFB, CALIF. Brig. Gen. and Mrs. Ned Schramm, Vice Commander, were guests of honor at a party given by the officers of the Fourth AF 10 June. General Schramm is retiring 30 June after 32 years' service. Among those present were Maj. Gen. and Mrs. John E. Upston, Commanding General, Fourth AF; Col. and Mrs. George L. Usher, Commanding Officer, 78th Fighter Wing; Col. and Mrs. Robert T. Cronau, Col. and Mrs. J. P. Bailey, Col. and Mrs. Harold Smith, Col. and Mrs. Melie J. Coutlee, Col. and Mrs. Nathaniel R. Rogers, Col. and Mrs. Herbert M. Newstrom, Col. and Mrs. Robert F. Macrum, Col. C. Vincent, Lt. Col. and Mrs. Harold L. Fuller and many others from the Fourth AF.

■ PERRIN AFB, TEX. For the second time since being reactivated approximately a year ago, the Flying Safety Award pennant, sym-

bolic of the finest safety record within the Flying Division of Air Training Command, flies from the highest yardarm of Perrin AFB. In presenting the award to Col. Chester P. Gilger, Perrin Commanding Officer, Maj. Gen. James S. Stowell, Commanding General of the Flying Division, commented: "It is with pleasure that this pennant is presented to your installation in recognition of an exemplary flying safety record maintained for T-6 (training) aircraft during the quarterly period of January, February and March of this year." Maj. Herbert J. "Buck" Rogers, Director of Flying, indicated that since Perrin's reactivation, the base's basic pilot training program and other flying activities have amassed a total of 78,000 hours of flying time.

■ BENJAMIN HARRISON AFB, IND. The 10th AF golf champion for 1948, Lt. Col. Charles S. Gallup, will be one of the two men representing Benjamin Harrison AFB at the Continental Air Command golf tournament to be held 11-14 July at Fort Benning, Ga. The other half of the duo will be Lt. Theodore R. Dewey, who also qualified with a score of less than 85 as prescribed by the tournament rules.

■ FT. BENNING, GA. Mrs. M. J. Mastalir entertained in her quarters recently with a dessert-bride party which featured a kitchen shower for the former Miss Barbara Miller, whose marriage to Lt. Edward Ansel White was solemnized at the Infantry Center Chapel 15 June. Ladies of the Airborne department held their monthly luncheon in the Palm room of the Officers' Club recently with Mrs. Elmer R. Scoville and Mrs. Philip Walker as hostesses.

The Far East Command ladies held their last meeting until fall on 17 June. Hostesses for the luncheon were Mrs. Carl E. Frisby, Mrs. William A. Duncan, and Mrs. Robert H. Pell. The next meeting of the group is scheduled for 20 Oct., with Mrs. A. C. Newkirk, Mrs. Roland E. Murphy and Mrs. Ernest Engelhardt as hostesses. Respondent in white dress uniforms, the U. S. Military Academy cadets climaxed their brief visit to Fort Benning 17 June with a formal Military hop. In the receiving line were Maj. Gen. and Mrs. W. A. Burress, Maj. Gen. and Mrs. Paul J. Mueller, Maj. Gen. and Mrs. P. W. Clarkson, Col. and Mrs. Dennis Moore, and Capt. C. H. Baden, Jr. Col. and Mrs. Moore, Lt. Col. and Mrs. R. K. Boyd and Maj. and Mrs. John E. Olsen comprised the committee in charge of party arrangements.

■ FT. KNOX, KY. A stag dinner was held in honor of Maj. Gen. Ernest M. Harmon, retired, and Col. Lawrence R. Dewey of the Army War College during their visit to The Armored Center 15-16 June. Those who attended the stag dinner were Maj. Gen. William G. Livesay, Maj. Gen. Roderick R. Allen, Brig. Gen. Bruce C. Clarke, Col. John C. Macdonald, Col. Garrison H. C. Heilberg, Col. Paul M. Crawford, Col. W. P. Johnson, Lt. Col. Glenn T. Pillsbury, Lt. Col. James W. Bidwell, Lt. Col. Frank M. Muller, Lt. Col. L. F. Van Court, Lt. Col. John L. Inskeep, Lt. Col. P. H. Brown, Jr., Lt. Col. John W. Yow. General Harmon was the principal speaker at the graduation ceremonies of 221 officers from The Armored School, 16 June.

■ SCOTT AFB, ILL. Brig. Gen. and Mrs. Emil C. Kiel entertained at dinner and dancing 13 June in honor of their daughter, Margaret, and her fiance, Lt. Thomas Stockton. Mrs. James G. Pratt was the honor guest at a tea held 14 June. Mrs. L. F. Johnson was hostess. Maj. Joe P. Miller and Maj. Wayne O. Brewer were elected president and vice-president, respectively, of the Officers' Club at a recent election.

■ MAXWELL AFB, ALA. Brig. Gen. John A. Samford, the new commandant of the Air Command and Staff School, Air University, Maxwell AFB, Ala., presented trophies to the winners, runners-up, and captains of winning teams in the various athletic events at this school during the time that Class 40A has been at Maxwell AFB. Golf trophies were awarded the following: Majors Walter R. Beckett, student, and George R. Kauffman, instructor, as winner and runner-up in the championship flight; (first flight, winner and runner-up) Maj. Jack N. Stovall, student, and Col. W. J. Wrigglesworth, instructor; (second flight, winner) Lt. Col. Arvid E. Olson, Jr.; (third flight, winner and runner-up) Col. Karl L. Polifka, instructor, and Lt. Col. Frank P. Smith, student; (fourth flight, winner and runner-up) Maj. Charles V. Fowles, and Lt. Col. H. O. Hamilton, both students; (fifth flight, winner and runner-up) Maj. Robert W. Shick, and Lt. Col. Howard F. Hugos, students.

Trophies were awarded the following handball winners: Lt. Col. Kenneth W. Northamer, instructor, as singles champion, and Lt. Col. Thomas C. Hollick, student, as runner-up; Northamer and Maj. Harold P. Brown, student, doubles champions, and Lt. Col. Kenneth C. Dempster and Maj. George R. Doerr, students, runners-up. Col. Frederick L. Moore, instructor, and Maj. Harmon E. Burns, student, were winner and runner-up in the tennis singles championship. Doubles winners and runners-up were Moore and Lt. Col. Frank R. Pancake, instructor, and Col. Arthur G. Salisbury, instructor, and Lt. Col. R. C. Dickens, student.

■ WIESBADEN, GERMANY. 1st Lt. A. J. Lynn was appointed aide to Brig. Gen. Fay R. Upthegrove, commanding general of the Wiesbaden Military Post, to replace 1st Lt. Don C. LaMone who has returned to the U.S. for reassignment. Prior to his arrival in Wiesbaden 1 June, Lt. Lynn served at Chanute AFB, Ill., as Public Information Officer. During World War II he was a fighter pilot with the 12th Air Force and saw action in Africa, Italy, Corsica and Southern France.

■ CAMP LEE, VA. Col. Brisbane H. Brown, veteran Quartermaster Officer, will succeed Col. Dewitt T. Mullet as Deputy Post Commander of Camp Lee on 1 July. Colonel Mullet, who has held his present assignment since July 1945, leaves for an as yet undisclosed assignment in Bremerhaven, Germany.

■ TOKYO, JAPAN. Unit chairmen for the 1st Cavalry Division's drive for Army Emergency Relief Fund contributions have been announced by the 1st Cavalry Division Headquarters. Coordinating the Division drive, scheduled for 15 to 30 June, will be carried out by the following officers:

Maj. Clarence J. Bayne, 1st Cavalry Division Artillery; Col. Gordon B. Rogers, Supervisor of the 5th Cavalry Regimental campaign; 1st Lt. Marvin Goulding, 7th Cavalry Regiment; Lt. Adam R. Gorman, 8th Cavalry Regiment, and Lt. Gerald Brown, Company A, 1st Heavy Tank Company. Camp Drake chairmen include: 1st Lt. C. W. Grinstead, HQ, and HQ Company; 27th Ordnance, Lt. Joseph J. Williams; Lt. George T. Burns, 18th Signal Company; 1st Lt. Thelton J. Smithwick, 16th Reconnaissance Company; Capt. W. W. Burns, 8th Engineer Combat Battalion, and Lt. Woodrow P. Edwards for the first Battalion, 7th Cavalry Regiment.

■ USS DIXIE. The "Iron Man," symbolic of athletic supremacy in the Navy, came out of a war-enforced retirement this year. Officially known as the "Navy Department General Excellence Trophy for Athletics," the award will be presented to the destroyer tender USS Dixie at the start of the 1950 fiscal year. This year has been the first year of competition since 1940 when the trophy was won by the battleship USS West Virginia. The symbol for excellence in Navy athletics is a solid bronze, 3-foot tall figurine and has been in circulation among the battleships of the pre-Pearl Harbor fleet since 1919. For the first time in its 30-year history, the Iron Man has been awarded to a ship other than a battleship. Another first in the Iron Man's history is that second place was won by a submarine—the USS Caiman.

■ PEARL HARBOR. At the end of May the Fleet Training Center at Pearl Harbor had trained 3115 officers and men of the Armed Services. Since it was established 1 August, 1946, the training center has trained a total of 3994 personnel in courses ranging from radiological defense of atomic warfare to combating oil and electrical fires. The FTC

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is the latest addition to the shore-based training facilities of the Pacific Training Command.

■ FT. BELVOIR, VA. The largest encampment in the history of the Engineer R.O.T.C. opened at Fort Belvoir, Va., on 18 June, Maj. Gen. Douglas L. Weart, Commanding General of The Engineer Center and Fort Belvoir, has announced. The camp comes under the immediate jurisdiction of Maj. General Weart, who has been designated Camp Commander. Col. Maybin H. Wilson, Professor of Military Science and Tactics at the University of Texas, is the Deputy Camp Commander and is charged with the administration of the training program and the actual operation of the camp. Lt. Col. Burton B. Bruce has been named Executive to the Deputy Camp Commander. He comes from the Massachusetts Institute of Technology where he is in charge of the Engineer unit and is Executive Officer of the combined R.O.T.C. units.

■ FORT BRAGG, N. C. The 504th Ladies Club held their monthly meeting, 14 June, with the Third Battalion officer's wives acting as hosts. A buffet luncheon was served after which bridge was played by the gathering. Among the guests at the luncheon were: Mrs. C. E. Byers, wife of the Commanding General of the 82d Airborne Division, Mrs. Charles C. W. Allen, wife of Col. Charles C. W. Allen, Commanding Officer of the 504th Airborne Infantry Regiment, Mrs. J. T. Berry, wife of Lt. Col. J. T. Berry, Executive Officer of the Regiment. Other guests included: Mrs. B. R. Wallace, Mrs. Limps, Mrs. Vohs, Mrs. W. C. Kloeb, Mrs. R. M. Atkins, Mrs. Strivner, Mrs. Lynn D. Fargo, Mrs. Faust, Mrs. N. L. Lindstrand, Mrs. H. G. Smith, Mrs. P. T. Ingle, Mrs. J. E. Fix, Mrs. J. T. Winter, Mrs. Dailey, Mrs. T. H. Netherton, Mrs. Morris, Mrs. C. E. Dennis, Mrs. E. G. Christiansen, Mrs. Nicholas, Mrs. Kres, Mrs. Mocola, Mrs. J. W. Sivets, Mrs. J. L. Stiegel, Mrs. T. L. Schwinn, Mrs. C. Jones, Mrs. Huey, and Mrs. W. R. Nealson.

88th Infantry Division

The 88th Infantry Division will hold its second annual convention and reunion in the Commodore Hotel in New York City, 12, 13 and 14 Aug.

Emanuel T. Spano, president of the New York Chapter, is chairman of the convention committee. The national president, Arthur H. Kahn of New York City, is in general charge. All members of the 88th Division since its organization during World War I are invited to attend. Further information may be obtained by writing to the association at Box 328, Cooper Station, New York 3, N. Y.

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Navy Orders

(Continued from Page 1235)

cole; to NAS, Denver.

Ernest E Christensen, USS Norton Sound; to BuOrd.

Theodore D Batchel (SC), Yards and Docks SupDepot, Pearl Harbor; to NavSupCen, Norfolk.

Charles C Gold, The Industrial Col of the ArmdForces, Wash, DC; to NAB, 10ND.

Albert Knoigsberg (SC), USNA; to BuPers, td, penduras.

Keith M Krieger, AirLant; to AirResTraComd, Glenview.

William F Lyons (MC), Harvard Univ Schol of PubHealth, Boston; to NAS, Jacksonville.

John W Neel (SC), NAS, Pearl Harbor; to AviaSupOff, Phila.

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William Blennan, USS Missouri BB 63; to NavOps.

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Thomas O Murray, NOB, Adak; to BuAer.

Dale K Peterson, Compositon 4; to NavOps.

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Romondt Budd, USS Gen A E Anderson AP 111; to Off of Port Dir, PearlHarbor.

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Robert H Wood, NAS, Squantum; to NavAir DevSta, Johnsville.

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John W Hughes, USS English DD 696; to Nav Scol, FitGunnery and Torpedo, SanDiego.

Bernard J Lauff, AirTestCen, Patuxent Riv; to Off of InsMat, Newark.

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Algot Segerstrom, NavAirDevSta, Johnsville; to UtilityRon 3.

James A Whetton (EM)NR, Sub-Gru 1, BremertonGru, LantResFit; to NOB, Guam.

Robert H Wood, NAS, Squantum; to NavAir DevSta, Johnsville.

John W Hughes, USS English DD 696; to Nav Scol, FitGunnery and Torpedo, SanDiego.

Bernard J Lauff, AirTestCen, Patuxent Riv; to Off of InsMat, Newark.

Willard J Leizer (SCR)NR, 9ND; to 13ND.

Louis F Redavid (SC), NavSupCen, Pearl Harbor; to AviaSupDepot, NavSupCen, Pearl Harbor.

Charles M Tugge, Jr, Fit LogisticSupport Wing, Lant; to TransRon 3.

Kenneth R Wheeler, BuSandA; to USS Boxer CV 21.

Wendell C Wheeler (ChCr)NR, 12ND, td; to NavSta, Orange.

Carl W Bennett, FitTraGru and UnderwayTra Unit, Guantanamo; to SanDiegoGru, PacResFit.

Keith M Krieger, AirLant; to AirResTraComd, Glenview.

William F Lyons (MC), Harvard Univ Schol of PubHealth, Boston; to NAS, Jacksonville.

John W Neel (SC), NAS, Pearl Harbor; to AviaSupOff, Phila.

Jerry H Taylor (SC), ServPac; to NavSupCen, Norfolk.

William Blennan, USS Missouri BB 63; to NavOps.

Everett M Block, NavScol, GL, Newport; to USS Duxbury Bay AVP 38.

Granville C Briant (A3D)NR, NAS, LosAlamitos, LongBeach; to NAS, Akron.

Edward B Carlson, USS Duluth CL 87; to USS Renshaw DDE 409.

William B Cox, OrdStockOffice, Wash, DC; to MineDiv 6.

Charles W Fielder, Joint Staff, CinC FE; to NAS, KeyWest.

Chesley M Hardison, CivAdmin, PalauDist, WesternCarolineIslands; to Nav Exam and NavRetBd, NavDept.

John A Horton, ArmdForcesStaffCol, Norfolk; to TransRon 8.

Thaddeus T Coleman, Jr, NOB, Bermuda; to PatRon 7.

Myron W Graybill, NavOps; to Dir NOP, Los Angeles.

Charles M Heartwell, jr (DC), NavDentalScol, NatNavMedCen, Bethesda; to NavRecSta, Norfolk.

James S Marsh (CEC), StanfordUniv; to Nav Scol, CEC Officers, NavConBnCen, Port Hueme.

Richard W Minde, NavCommSta, 12NDHQ, SanFran; to NavCommSta, Wash, DC.

Thomas O Murray, NOB, Adak; to BuAer.

Dale K Peterson, Compositon 4; to NavOps.

Elvin C Ogle, USNA; to USS Radford DDE 449.

Romondt Budd, USS Gen A E Anderson AP 111; to Off of Port Dir, PearlHarbor.

John C Burhill (SC), USS Boxer CV 21; to NAS, Pensacola.

William J Catlett, Jr, MATS, Wash, DC; to TaskForce 66.

Franklin B Hopkins, USS Saipan CVL 48; to MATS, Wash, DC.

John C Kelly, CarAirGru 13; to Attack Ron 134.

Walter W Lippold (DC), IndustrialCol of the ArmdForces, Wash, DC; to MarCorpsScols, Quantico.

Kenneth Loveland, Fit AirDefenseTraCen, DamNeck, VirginiaBeach; to Task Force 66.

Walter B J Mitchell (SL)NR, home; to 3ND.

Robert B Moore, NAB, 10ND; to NAS Norfolk.

James O Taylor, BuAer; to Off of BuAerGen Rep, WesternDist, Los Angeles.

Harold E Baker, USS Rich DD 820; to BuOrd.

Walter C Binkley (CECR)NR, NAS, Miami; to NAS, Dallas.

Paul K Blesh, FairWing 2; to Fair Hawaii.

Portus D Boyce (SC), NavSupCen, Norfolk; to NavSupDepot, Spokane.

Lathrop B Clapham, Jr, (SC), USS Antietam CV 36; to NAS, CorpusChristi.

Charles J Eastman, TransRon 6; to BuAer.

Frank M Eddy, USS Union AKA 106; to USS Pickaway APA 222.

William L Harmon, NavScol, GL, Monterey; to USS Mulpheen AKA 61.

George Hutchinson, AirPac; to 4ND.

Roderick E Maclean, USS Corporal SS 346; to AirTraComd, Pensacola.

John J Morgan (S)NR, Off of PubRel, Nav Dept, td; to BuPers.

Walter S Denham, SubGru 2, TexasGru, Lant ResFit; to USS Merrimack AO 37.

Jack A Eady, NavPhotographicCen, Anacostia; to USS Saipan CVL 48.

Christian L Engleman, Research and Dev Board, Wash, DC; to BuShips.

Marion L Hoblit (A3)NR, MATS; to PacDiv MATS.

Alan R Josephson, USS Washburn AKA 108; to USS Sproston DDE 577.

William M Lowry, Stanford University; to USS Walker DDE 517.

Charles H McCarthy, Jr (SC), USS Coral Sea CVB 43; to NavConstnBattnCen, Port Hueme.

Charles E Moran (MC), home; to NavScols, Construction, Port Hueme.

James M Otoole, BremertonGru, PacResFit; to InspInst, NavRes, Akron.

Leslie G Seebach (MC), Norfolk NavShipyld, Portsmouth, Va; to Marine AirGru 15.

Algot Segerstrom, NavAir

Born

AHLSTROM—Born at Sta. Hosp., Ft. Ord., Calif., 2 June 1949, to Sgt. I. Cl. and Mrs. Darrell E. Ahlstrom, a daughter, Adrianna Carol.

ANSTENSEN—Born at Eglin AFB, Fla., 14 June 1949, to T. Sgt. and Mrs. Lyder Anstensen, a daughter.

BACHER—Born at US Naval Hosp., Oakland, Calif., 9 June 1949, to M. Sgt. and Mrs. Louis Bacher, a son, Louis Joseph.

BARFIELD—Born at 49th Gen. Hosp., Tokyo, Japan, 8 June 1949, to Lt. Col. and Mrs. Thomas H. Barfield, a son, Thomas Harwell.

BARNES—Born at US Naval Hosp., Oakland, Calif., 5 June 1949, to Lt. (Jg) and Mrs. Jerald Barnes, a son, Pratt Andrew.

BATTISTELLA—Born at Base Hosp., Barksdale AFB, La., 2 June 1949, to Sgt. and Mrs. W. A. Battistella, a son.

BAUM—Born at DePaul Hosp., St. Louis, Mo., 1 June 1949, to 1st Lt. and Mrs. Gerald W. Baum, a son, Daryl Walter.

BEASLEY—Born at 183d Gen. Hosp., Elmendorf AFB, Alaska, 6 June 1949, to Capt. and Mrs. Carl J. Beasley, a daughter, Diana Baldrige.

BEHELER—Born at Eglin AFB, Fla., 13 June 1949, to S. Sgt. and Mrs. William Beheler, a son.

BELIVEAU—Born at 387th Sta. Hosp., Stuttgart, Germany, 1 June 1949, to Capt. and Mrs. Eugene H. Beliveau, a daughter, Bette Lou.

BENNETT—Born at 387th Sta. Hosp., Stuttgart, Germany, 6 June 1949, to 1st Lt. and Mrs. John Rhys Bennett, a son, David Lawrence.

BIELUCKI—Born at Sta. Hosp., Aberdeen Proving Ground, Md., 11 June 1949, to 1st Lt. and Mrs. Chester B. Bielucki, a son, Alan.

BISHOP—Born at Sta. Hosp., Ft. Ord., Calif., 11 June 1949, to Comdr. and Mrs. Edward W. Bishop, a son, Paul Lawrence.

BLAYLOCK—Born at Ladd AFB, Alaska, 10 June 1949, to M. Sgt. and Mrs. Len Blaylock, a son, Melvin James.

BOHR—Born at Sta. Hosp., Ft. Belvoir, Va., 11 June 1949, to Lt. and Mrs. John F. Bohr, a son, John William.

BOYD—Born at Alameda, Calif., 9 June 1949, to Lt. Comdr. and Mrs. David Boyd, a son, grandson of Capt. and Mrs. Frederick V. McNair, USN-Ret., of Annapolis, Md.

BOYD—Born at Sta. Hosp., Cp Carson, Colo., 9 June 1949, to 1st Lt. and Mrs. Richard D. Boyd, a daughter, Linda Sue.

BREUER—Born at Lowry AFB, Colo., 5 June 1949, to T. Sgt. and Mrs. Christian J. Breuer, a son.

BRINCAT—Born at Base Hosp., Smoky Hill AFB, Kans., 10 June 1949, to S. Sgt. and Mrs. Frank S. Brincat, a son, Frank Salvatore, Jr.

BROOK—Born at Madigan Gen. Hosp., Tacoma, Wash., 1 June 1949, to M. Sgt. and Mrs. Paul A. Brook, a son, David George.

BROWN—Born at Fitzsimons Gen. Hosp., Denver, Colo., 3 June 1949, to Maj. and Mrs. Alex L. Brown, a son, Richard Eddie.

BROWN—Born at Beaumont Gen. Hosp., El Paso, Tex., 10 June 1949, to Maj. and Mrs. Burrell G. Brown, a daughter, Barbara Ann.

BROWN—Born at US Naval Hosp., Oakland, Calif., 6 June 1949, to Lt. (Jg) and Mrs. Fred Brown, a son.

BROWN—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 13 June 1949, to 1st Lt. and Mrs. Harry L. Brown, Jr., a son, Robert.

BROWN—Born at Scott AFB, Ill., 9 June 1949, to T. Sgt. and Mrs. LaVerne Brown, a son.

BUNYARD—Born at Lowry AFB, Colo., 8 June 1949, to S. Sgt. and Mrs. Ruben L. Bunyard, a daughter.

BURGESS—Born at Sta. Hosp., Ladd AFB, Alaska, 7 June 1949, to Lt. and Mrs. J. R. Burgess, a son.

BURNS—Born at US Naval Hosp., Newport, R. I., 16 June 1949, to Ens. and Mrs. Hoyt Burns, a son.

BURTON—Born at Sta. Hosp., Ft. Riley, Kans., 15 June 1949, to 1st Lt. and Mrs. Louis W. Burton, a son.

CAMERON—Born at 183d Gen. Hosp., Ft. Richardson, Alaska, 10 May 1949, to Lt. and Mrs. Arthur T. Cameron, a daughter, Cynthia Dianne.

CANTRALL—Born at 183d Gen. Hosp., Elmendorf AFB, Alaska, 5 June 1949, to S. Sgt. and Mrs. Forrest L. Cantrall, a daughter, Mary Carolyn.

CARMICHAEL—Born at Eglin AFB, Fla., 9 June 1949, to S. Sgt. and Mrs. Herman Carmichael, a daughter.

CARSON—Born at US Naval Hosp., Quantico, Va., 17 June 1949, to 2d Lt. and Mrs. R. Carson, a son.

CARTER—Born at 35th Sta. Hosp., Kyoto, Japan, 31 May 1949, to Capt. and Mrs. C. R. Carter, a son, Steven Wayne.

CARVER—Born at USAF Dispensary, Marks AFB, Alaska, 11 May 1949, to S. Sgt. and Mrs. Daniel R. Carver, a son, Daniel Lloyd.

Births · Marriages · Deaths

(No charge for Service announcements. Please notify promptly.)

CAUDILL—Born at Eglin AFB, Fla., 11 June 1949, to T. Sgt. and Mrs. Kemp H. Caudill, a son.

CHANAY—Born at Walter Reed Gen. Hosp., Washington, D. C., 10 June 1949, to 1st Lt. and Mrs. Billie R. Chaney, a son, Stephen Eric.

CLEBER—Born at US Naval Hosp., Quantico, Va., 19 June 1949, to Capt. and Mrs. V. A. Cleber, a son.

COINER—Born at Walter Reed Gen. Hosp., Washington, D. C., 14 June 1949, to 1st Lt. and Mrs. David Coiner, a son, Stephen Michael.

COLE—Born at Madigan Gen. Hosp., Tacoma, Wash., 24 May 1949, to Sgt. I. Cl. and Mrs. Kenneth Boyd Cole, a daughter, Maryann Bethina.

COOK—Born at Ft. Worden, Wash., 6 June 1949, to 1st Lt. and Mrs. James M. Cook, a son, James Milton, Jr.

COUGLE—Born at Oliver Gen. Hosp., Augusta, Ga., 18 June 1949, to M. Sgt. and Mrs. Raymond W. Cougle, a daughter, Georgia Ann.

COX—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 11 June 1949, to Maj. and Mrs. Amel Cox, a son, Neil Amel.

CREPEAU—Born at Eglin AFB, Fla., 11 June 1949, to T. Sgt. and Mrs. Eugene G. Crepeau, a son.

CUFF—Born at Sta. Hosp., Ft. Bragg, N. C., 8 June 1949, to Sgt. I. Cl. and Mrs. Harold J. Cuff, a daughter, Mary Ann.

DEARMAN—Born at Sta. Hosp., Bolling AFB, D. C., 7 June 1949, to S. Sgt. and Mrs. Elmo F. Dearman, a son.

DEBARDIMIEMM—Born at Scott AFB, Ill., 11 June 1949, to 2d Lt. and Mrs. Charles Debardimiemm.

DELAUNE—Born at Eglin AFB, Fla., 9 June 1949, to 1st Lt. and Mrs. Herman Delaune, a son.

deLESDERNIER—Born at Madigan Gen. Hosp., Tacoma, Wash., 29 May 1949, to Maj. and Mrs. Robert deLesdernier, a son, David Lawrence.

DEUTSCH—Born at Tilton Gen. Hosp., Ft. Dix, N. J., 15 June 1949, to S. Sgt. and Mrs. Edmund Deutsch, a son, Allen Russell.

DOLCE—Born at Sta. Hosp., Cp Hood, Tex., 7 June 1949, to 1st Lt. and Mrs. Matthew P. Dolce, a son, Donald Louis.

DONAHOE—Born at US Naval Hosp., Quantico, Va., 16 June 1949, to Capt. Joseph Francis Donahoe, Jr., USMC, and Mrs. Donahoe, a daughter.

DONALDSON—Born at Totten Gen. Hosp., Ft. Totten, L. I., N. Y., 15 June 1949, to Maj. and Mrs. Rae A. Donaldson, a daughter, Elizabeth Bertyle.

DOOGE—Born at US Naval Hosp., Newport, R. I., 15 June 1949, to Lt. (Jg) and Mrs. Russell B. Dooge, a son.

DUCKETT—Born at US Naval Hosp., Quantico, Va., 11 June 1949, to T. Sgt. and Mrs. Jack Duckett, a son.

DUNN—Born at Eglin AFB, Fla., 16 June 1949, to S. Sgt. and Mrs. Charles R. Dunn, a daughter.

DZIUBAN—Born at Sta. Hosp., West Point, N. Y., 14 June 1949, to Lt. Col. Stanley W. Dziuban, USMA '39, and Mrs. Dziuban, a son.

ELLIS—Born at USAF Dispensary, Marks AFB, Alaska, 22 May 1949, to M. Sgt. and Mrs. Arthur V. Ellis, a daughter, Karin Ann.

FAULKNER—Born at Eglin AFB, Fla., 8 June 1949, to T. Sgt. and Mrs. James Faulkner, a son.

FAUTH—Born at 28th Gen. Hosp., Osaka, Honshu, Japan, 3 June 1949, to 1st Lt. and Mrs. William W. Fauth, a son.

FIELDS—Born at US Naval Hosp., Quantico, Va., 13 June 1949, to 2d Lt. and Mrs. P. R. Fields, a son.

FINLEY—Born at US Naval Hosp., Oakland, Calif., 8 June 1949, to S. Sgt. and Mrs. Edgar Finley, a daughter, Sandra Kay.

FIORE—Born at US Gen. Hosp., Ft. Clayton, C. Z., recently, to 1st Lt. and Mrs. Henry R. Fiore, a son, Anthony Scott Irvine.

FISHER—Born at Eglin AFB, Fla., 15 June 1949, to T. Sgt. and Mrs. Robert O. Fisher, a daughter.

FORD—Born at the Newport Hosp., Newport, R. I., 14 June 1949, to Lt. and Mrs. J. D. Ford, a daughter, Elizabeth Louise.

FORSBERG—Born at Madigan Gen. Hosp., Tacoma, Wash., 25 May 1949, to Capt. and Mrs. Thomas Harry Forsberg, a son, Thomas Wayne.

FRIEDLANDER—Born at Sta. Hosp., Ft. Belvoir, Va., 14 June 1949, to Maj. and Mrs. E. A. Friedlander, a daughter, Carol Christina.

FULLER—Born at Tilton Gen. Hosp., Ft. Dix, N. J., 16 June 1949, to Capt. and Mrs. John E. Fuller, a son, John Elliot, Jr.

FULTZ—Born at US Naval Hosp., Yokosuka, Honshu, Japan, 15 June 1949, to Lt. Col. and Mrs. William S. Fultz, a son, William.

GATLIN—Born at Sta. Hosp., Ft. Ord., Calif., 30 May 1949, to Lt. (Jg) and Mrs. William R. Gatlin, a son, Thomas Stephen.

GAUTHIER—Born at Keesler AFB, Miss., 5 June 1949, to Capt. and Mrs. Donald Stanley Gauthier, a son, David Alan.

GIESON—Born at Scott AFB, Ill., 13 June 1949, to Capt. and Mrs. Robert Gibson, a son.

GIBSON—Born at Oliver Gen. Hosp., Augusta, Ga., 17 June 1949, to Capt. and Mrs. Thomas A. Gibson, Jr., a son, Thomas Alvin, 3d.

GOLDSTONE—Born at Eglin AFB, Fla., 10 June 1949, to 1st Lt. and Mrs. Alan Goldstone, a son.

GONZALEZ—Born at Walter Reed Gen. Hosp., Washington, D. C., 16 June 1949, to 1st Lt. and Mrs. Abraham Gonzalez, a son, Michael Anthony.

GOODMAN—Born at Sta. Hosp., Aberdeen Proving Ground, Md., 11 June 1949, to Capt. and Mrs. Lee Edward Goodman, a daughter, Patricia Elizabeth.

GRAY—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 10 June 1949, to 1st Lt. and Mrs. Donald U. Gray, Jr., a daughter, Barbara June.

GREEN—Born at Beaumont Gen. Hosp., El Paso, Tex., 10 June 1949, to Maj. and Mrs. Gilford D. Green, a son, Richard Brian.

GULLEY—Born at US Naval Hosp., Quantico, Va., 11 June 1949, to T. Sgt. and Mrs. W. L. Gulley, a son.

HANING—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 9 June 1949, to Maj. and Mrs. William F. Haning, Jr., a son, William Frees, 3d.

HARMON—Born at Scott AFB, Ill., 6 June 1949, to 1st Lt. and Mrs. Russell Harmon, a son.

HAWTHORNE—Born at Sta. Hosp., Ft. Belvoir, Va., 15 June 1949, to M. Sgt. and Mrs. Robert G. Hawthorne, a son, Roy Michael.

HERBST—Born at Sta. Hosp., Bolling AFB, D. C., 8 June 1949, to S. Sgt. and Mrs. Donald G. Herbst, a son.

HOMFER—Born at Eglin AFB, Fla., 10 June 1949, to S. Sgt. and Mrs. Raymond P. Hoefner, a daughter.

HUTCHIN—Born at Sta. Hosp., Ft. Belvoir, Va., 16 June 1949, to Capt. and Mrs. Walter J. Hutchin, a daughter, Nancy Lee, granddaughter of Col. and Mrs. Claire E. Hutchin of St. Petersburg, Fla., and Col. and Mrs. Frank M. Lee of Ft. Benning, Ga.

IDLE—Born at US Naval Hosp., Honolulu, Th., recently, to Lt. Charles E. Idle, Jr., USN, and Mrs. Idle, a son, Paul Thomas, grandson of Cmdr. D. A. Holland, USN-Ret., and Mrs. Holland of San Diego.

INMON—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 11 June 1949, to Maj. and Mrs. Thomas W. Inmon, a son, John.

JACOB—Born at Cp Lee, Va., 7 June 1949, to Sgt. I. Cl. and Mrs. Joseph P. Jacobs, a daughter.

JENSEN—Born at Beaumont Gen. Hosp., El Paso, Tex., 11 June 1949, to Capt. and Mrs. Norman S. Jensen, a son, Douglas Earl.

JOE—Born at Madigan Gen. Hosp., Tacoma, Wash., 3 June 1949, to Sgt. I. Cl. and Mrs. Phillip Young Ho Joe, a son, Phillip Dean.

JOHNSON—Born at Beaumont Gen. Hosp., El Paso, Tex., 13 June 1949, to Sgt. I. Cl. and Mrs. Birt Johnson, a son.

JONES—Born at Sta. Hosp., Cp Hood, Tex., 18 May 1949, to 1st Lt. and Mrs. Alfred H. Jones, a daughter, Christine Lynn.

JONES—Born at Walter Reed Gen. Hosp., Washington, D. C., 13 June 1949, to 1st Lt. and Mrs. Russell Jones, a daughter, Robin Elizabeth.

KAMAR—Born at Eglin AFB, Fla., 15 June 1949, to T. Sgt. and Mrs. Walter Kamar, a son.

KANE—Maj. and Mrs. Leo M. Kane, of Raleigh, N. C., announce the adoption of a daughter, Jo Ellen, born 10 Nov. 1947.

KARCHER—Born at Beaumont Gen. Hosp., El Paso, Tex., 11 June 1949, to Lt. and Mrs. Daniel M. Karcher, a daughter, Elizabeth.

KARR—Born at Sta. Hosp., Cp Hood, Tex., 9 June 1949, to M. Sgt. and Mrs. Frank K. Karr, a daughter, Sandra Kay.

KELLY—Born at Sta. Hosp., Ft. Bragg, N. C., 6 June 1949, to Capt. and Mrs. Richard H. Kelly, a daughter, Peggy Ann.

KIGHT—Born at Sta. Hosp., Bolling AFB, D. C., 4 June 1949, to Col. and Mrs. Richard H. Kight, a son.

KIMMEL—Born at Ohio State Univ. Hosp., Columbus, Ohio, 10 June 1949, to Lt. Col. and Mrs. Robert E. Kimmel, a son, James Winant.

and Mrs. Robert E. Kimmel, a son, James Winant.

KOHL—Born at Sta. Hosp., Ft. Ord., Calif., 10 June 1949, to Lt. and Mrs. Jaroslav Kohl, a son, Stanley Anton.

KOONS—Born at Lowry AFB, Colo., 9 June 1949, to 1st Lt. and Mrs. Fred H. Koons, a son.

KOPPENHOEFER—Born at Sta. Hosp., Ft. Ord., Calif., 31 May 1949, to M. Sgt. and Mrs. Ervin J. Koppenhoefer, a son, Bruce Lee.

LAFOREST—Born at La Plata, Md., recently, to 1st Lt. and Mrs. Wilson H. LaForest, a daughter, Marie.

LAUKAT—Born at Madigan Gen. Hosp., Tacoma, Wash., 20 May 1949, to S. Sgt. and Mrs. Frank Ralph Laukat, a son, James.

LEWIS—Born at Fitzsimons Gen. Hosp., Denver, Colo., 4 June 1949, to Lt. (Jg) and Mrs. Lewis Linus, CE, and Mrs. Lewis, a son, James Miller; grandson of Col. Edgar William Miller, MC, USA-Ret., and Mrs. Miller of Denver, and Mr. and Mrs. James Wall Lewis of Roswell, N. Mex.

LINEKER—Born at Aberdeen Proving Ground, Md., 11 June 1949, to Capt. and Mrs. Lee Edward Lineker, a son, James George.

LITTMAN—Born at Chanute AFB, Ill., recently, to S. Sgt. and Mrs. Harvey Littman, a son.

LOPRETE—Born at US Naval Hosp., Quantico, Va., 6 June 1949, to Capt. and Mrs. J. E. Loprete, a son.

LOWRY—Born at US Gen. Hosp., Ft. Clayton, C. Z., recently, to Capt. and Mrs. Davis C. Lowry, a daughter, Kay.

LYON—Born at US Naval Hosp., Newport, R. I., 19 June 1949, to Lt. and Mrs. Charles E. Lyon, a son.

MANN—Born at US Naval Hosp., Oakland, Calif., 5 June 1949, to Lt. and Mrs. Ben Mann, twin boys, Donald Ben and Daniel Robert.

MANTALAS—Born at Sta. Hosp., Ft. Riley, Kans., 20 June 1949, to 1st Lt. and Mrs. John G. Mantalas, twin boys.

MARSHALL—Born at Orange Memorial Hosp., Orlando, Fla., 15 June 1949, to 1st Lt. and Mrs. Howard J. Marshall, a daughter, Linda Lou.

MARX—Born at Ladd AFB, Alaska, 9 June 1949, to 1st Lt. and Mrs. Robert C. Marx, a daughter, Debra Gail.

MASON—Born at Eglin AFB, Fla., 10 June 1949, to T. Sgt. and Mrs. Charles A. Mason, a daughter.

MATTHEWS—Born at Sta. Hosp., Ft. Monmouth, N. J., 14 June 1949, to Lt. Col. and Mrs. Clinton F. Matthews, a son.

MATZKO—Born at Madigan Gen. Hosp., Tacoma, Wash., 14 May 1949, to Sgt. I. Cl. and Mrs. John George Matzko, a son, David

Births, Marriages, Deaths
(Continued from Preceding Page)

PALMATER—Born at Tilton Gen. Hosp., Ft. Dix, N. J., 18 June 1949, to T. Sgt. and Mrs. Charles Palmater, a daughter.

PALUSZAK—Born at US Naval Hosp., Quantico, Va., 20 June 1949, to T. Sgt. and Mrs. J. A. Paluszak, a son.

PANEK—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 13 June 1949, to S. Sgt. and Mrs. Sigmund A. Panek, a son, Robert Lawrence.

PARISH—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 11 June 1949, to 1st Lt. and Mrs. John F. Parrish, a daughter, Nancy Lynn.

PECK—Born at US Naval Hosp., Oakland, Calif., 7 June 1949, to Lt. and Mrs. John J. Peck, a son.

PFEFFER—Born at Sta. Hosp., Ft. Bragg, N. C., 7 June 1949, to Lt. and Mrs. William J. Pfeffer, a son, William Joseph, Jr.

PLUM—Born at Base Hosp., Goodfellow AFB, Tex., 8 June 1949, to S. Sgt. and Mrs. Herbert Plum, a son, Richard Morris.

PРИBBLE—Born at Lowry AFB, Colo., 7 June 1949, to Maj. and Mrs. Lynn H. Pribble, a son.

QUIRK—Born at Walter Reed Gen. Hosp., Washington, D. C., 16 June 1949, to Maj. and Mrs. Michael J. Quirk, a son, Michael Joseph, Jr.

RAPHUN—Born at Murphy Gen. Hosp., Waltham, Mass., 8 June 1949, to Maj. and Mrs. Leland R. Raphun, of Otis AFB, Mass., a son, Michael Gregory.

REILLY—Born at US Naval Hosp., Quantico, Va., 15 June 1949, to M. Sgt. and Mrs. E. S. Reilly, a son.

RESENDES—Born at Tilton Gen. Hosp., Ft. Dix, N. J., 7 June 1949, to 1st Lt. and Mrs. Daniel Resendes, a daughter.

RIORDAN—Born at Chanute AFB, Ill., recently, to T. Sgt. and Mrs. James Riordan, a son.

RIVERA—Born at Sta. Hosp., Cp Carson, Colo., 2 June 1949, to Sgt. ICI, and Mrs. Fred A. Rivera, a daughter, Margaret Linda.

RÖMMEL—Born at 357th Sta. Hosp., Stuttgart, Germany, 1 June 1949, to 1st Lt. and Mrs. Sentile A. Rommel, a son, Charles David.

ROWE—Born at Walter Reed Gen. Hosp., Washington, D. C., 11 June 1949, to Maj. and Mrs. Robert B. Rowe, a son.

SENTER—Born at Professional Center Hosp., Montgomery, Ala., 8 June 1949, to Col. and Mrs. William O. Senter, a daughter, Ruth Jane; granddaughter of Brig. Gen. and Mrs. Vincent J. Meloy, USA-Ret., of NYC.

SHAFFER—Born at Sta. Hosp., Ft. Monmouth, N. J., 13 June 1949, to 1st Lt. and Mrs. Wayne C. Shaffer, a son.

SHAW—Born at US Naval Hosp., Oakland, Calif., 10 June 1949, to Comdr. and Mrs. Richard Shaw, a daughter, Diane Elizabeth.

SHEEHY—Born at US Naval Hosp., Newport, R. I., 18 June 1949, to M. Sgt. and Mrs. Robert Sheehy, a daughter.

SHORE—Born at Cleveland, Ohio, 28 May 1949, to M. Sgt. and Mrs. Luther Shore, Jr., a son, M. Luther, 3d.

SHUBIN—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 11 June 1949, to Maj. M. J. Shubin, USAF, and Mrs. Shubin, a son, Donald Sidney.

SMITH—Born at USAF Dispensary, Marks AFB, Alaska, 26 May 1949, to M. Sgt. and Mrs. Bernard C. Smith, a daughter, Lois Valerie.

SMITH—Born at US Naval Hosp., Quantico, Va., 11 June 1949, to M. Sgt. and Mrs. Charles Smith, a son.

SMITH—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 12 June 1949, to 1st Lt. and Mrs. Joseph W. Smith, a daughter, Peggy Marie.

SMITH—Born at US Naval Hosp., Chelsea, Mass., 9 June 1949, to Lt. Comdr. and Mrs. Spencer R. Smith, a son, Austin Chase.

SMITH—Born at Sta. Hosp., Ft. Bragg, N. C., 5 June 1949, to Lt. and Mrs. John W. Smith, a daughter, Elizabeth Pamela.

SMOCK—Born at Sta. Hosp., Ft. Riley, Kans., 18 June 1949, to 2d Lt. and Mrs. Richard T. Smock, a daughter, Elizabeth Marie.

SNYDER—Born at Lowry AFB, Colo., 3 June 1949, to Maj. and Mrs. Vincent L. Snyder, a son.

SON—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 10 June 1949, to T. Sgt. and Mrs. Raymond H. Son, a son, Frederick Charles.

SRULOWITZ—Born at Lowry AFB, Colo., 5 June 1949, to S. Sgt. and Mrs. Samuel Srulowitz, a daughter.

STEIDLE—Born at Madigan Gen. Hosp., Tacoma, Wash., 26 May, 1949, to S. Sgt. and Mrs. Charles Gilbert Steidle, a son, Dennis Lee.

STEIN—Born at 28th Gen. Hosp., Osaka, Honshu, Japan, 5 June 1949, to 1st Lt. and Mrs. Ignatius J. Stein, a son.

STINSON—Born at Sta. Hosp., Ft. Ord, Calif., 31 May 1949, to Lt. Comdr. and Mrs. John F. Stinson, a son, George Lloyd.

STODDARD—Born at Keesler AFB, Miss., 10 June 1949, to Maj. and Mrs. Richard William Stoddard, a son, Peter Hawkins.

STORM—Born at Lowry AFB, Colo., 9 June 1949, to S. Sgt. and Mrs. Gordon H. Storm, a son.

SUMRALL—Born at US Naval Hosp., Oakland, Calif., 11 June 1949, to Lt. and Mrs. Howell Sumrall, a son, James Leo.

SWORDS—Born at US Naval Hosp., Quantico, Va., 17 June 1949, to 2d Lt. and Mrs. J. Swords, a son.

TAKAHASHI—Born at 35th Sta. Hosp., Kyoto, Japan, 3 June 1949, to 1st Lt. and Mrs. F. Takahashi, a son, Bruce.

THOMPSON—Born at Base Hosp., Smoky Hill AFB, Kans., 10 June 1949, to S. Sgt. and Mrs. Oscar F. Thompson, a daughter, Carol Ann.

THORNTON—Born at 183d Gen. Hosp., Elmendorf AFB, Alaska, 8 June 1949, to Capt. and Mrs. Raymond A. Thornton, a son, William Allen.

THROCKMORTON—Born at Sta. Hosp., Bolling AFB, D. C., 7 June 1949, to S. Sgt. and Mrs. Irvin Throckmorton, a son.

TRAVSKY—Born at Sta. Hosp., Bolling AFB, D. C., 5 June 1949, to T. Sgt. and Mrs. Daniel Travsky, a son.

TRIGG—Born at 183d Gen. Hosp., Elmendorf AFB, Alaska, 1 June 1949, to T. Sgt. and Mrs. William M. Trigg, a son, Robert Michael.

VAGIAS—Born at Eglin AFB, Fla., 12 June 1949, to 1st Lt. and Mrs. Louis Vagias, a daughter.

WALKER—Born at Beaumont Gen. Hosp., El Paso, Tex., 9 June 1949, to Lt. and Mrs. Paul Walker, a daughter, Lenore Alexandra.

WALTZ—Born at Ladd AFB, Alaska, 7 June 1949, to M. Sgt. and Mrs. Walter M. Waltz, a daughter, Susan Lynn.

WANNAMAKER—Born at Walter Reed Gen. Hosp., Gen. Hospital, Washington, D. C., 16 June 1949, to Capt. and Mrs. Gordon T. Wannamaker, a son, David Wilson.

WARDELL—Born at Sta. Hosp., Ft. Belvoir, Va., 11 June 1949, to Maj. and Mrs. Michael E. Wardell, a son, Michael Gavin.

WEEKLEY—Born at Grant Hosp., Columbus, Ohio, 10 June 1949, to CWO and Mrs. Donald W. Weekley, a daughter, Mary Elizabeth.

WICKER—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 11 June 1949, to M. Sgt. and Mrs. Robert L. Wicker, Jr., a daughter, Joanne.

WILKE—Born at Tilton Gen. Hosp., Ft. Dix, N. J., 12 June 1949, to Capt. and Mrs. John Wilke, a son, Peter Mark.

WILLIAMS—Born at Brooke Gen. Hosp., Ft. Sam Houston, Tex., 11 June 1949, to Capt. and Mrs. John R. Williams, a daughter, Blanding Dick, Jr., USN, son of Mr. J. B. Dick of Stoneville, Miss.

DICK-KNAPP—Born at the home of Maj. Gen. and Mrs. Leo D. Hermle in San Diego, 18 June 1949, Miss Mary Elizabeth Knapp, daughter of Col. Raymond E. Knapp, USMC, and Mrs. Knapp, and Ens. James Blanding Dick, Jr., USN, son of Mr. J. B. Dick of Stoneville, Miss.

DODDERRIDGE-MITCHELL—Born at the Protestant Episcopal Church of St. John's of Lattingtown, Locust Valley, L. I., N. Y., 18 June 1949, Miss Mary Mitchell, daughter of Mr. and Mrs. Sidney A. Mitchell of New York and Oyster Bay, L. I., and Col. Robert R. Dodderidge, son of Mr. and Mrs. H. A. Dodderidge of Washington, D. C.

DUPRE-SAUNDERS—Born at the Navy Communications Annex Chapel, Washington, D. C., 11 June 1949, Miss Marie Caroline Saunders, daughter of Capt. Edward Earl Saunders, USN, and Mrs. Saunders of Washington, D. C., and Mr. David Louis DuPre, Jr., son of Mr. and Mrs. David Louis DuPre of Chevy Chase, Md.

FOX-MCCOLLUM—Born at the Stanford University Chapel, Palo Alto, Calif., 11 June 1949, Miss Elisabeth Lucy McCollum, daughter of Dr. E. V. McCollum of Johns Hopkins University, Baltimore, and Mrs. Constance McCollum of Palo Alto, and Mr. Tom Fox, Jr., son of Maj. Tom Fox, USA-Ret., and Mrs. Fox of Palo Alto, and grandson of the late Brig. Gen. L. G. Berry and Mrs. Berry.

GARWOOD-KUNDRA—Born at the Army Med. Cen. Memorial Chapel, Washington, D. C., 11 June 1949, 1st Lt. Margaret C. Kundrat, daughter of Mr. and Mrs. Michael Kundrat and Mr. John H. Garwood of Arlington, Va.

GHENT-LIPPINCOTT—Born at the Post Chapel, Ft. Sill, Okla., 2 June 1949, Lt. Virginia Raymond Lippincott, ANC, and Capt. Daniel T. Ghent, USA.

GRIFFITH-TENNEY—Born at the Reformed Church, Oyster Bay, L. I., N. Y., 18 June 1949, Mrs. Beatrice Oakley Tenney, daughter of Mrs. Montgomery La Roche of Quogue, L. I., and Col. John Sharp Griffith, USAF.

HAILEY-BARRETT—Born at the First Unitarian Church, San Diego, Miss Marian Almand Barrett and Mr. Lewis Edward Hailey, son of Comdr. B. L. Hailey, USA-Ret., and Mrs. Hailey of San Diego.

HOLT-WRIGHT—Born 11 June 1949, Miss Emily Kent Wright of Princeton, N. J., and Mr. Frederick Sheppard Holt, son of

of Dr. and Mrs. Walter Morris Sykes of Dallas, and Maj. John Willard Baer, son of Mr. John Baer of Cottonwood, Idaho.

BESBECK-STONE—Married at the Post Chapel, Ft. Leavenworth, Kans., 11 June 1949, Mrs. Erma Bernice Stone of Stockton, Calif., and Maj. Louis B. Besbeck, USA.

BROOKS-PARKS—Married at New Wilmington, Pa., 18 June 1949, Miss Shirley Jean Parks, daughter of Col. and Mrs. Hugh R. Parks of Washington, D. C., and Mr. Keith Brooks, son of Mr. and Mrs. Sam Lewis of New Castle, Pa.

BROWN-WILLIAMS—Married at the Navy Communications Chapel, Washington, D. C., 18 June 1949, Miss Margaret Lucretia Williams, daughter of Capt. and Mrs. Milo Ryan Williams of Pearl Harbor, TH, and Mr. Robert Cully Brown, son of Mr. and Mrs. Joseph Cully Brown of Haddonfield, N. J.

CARLETON-KOENIG—Married at College Park, Md., 17 June 1949, Miss Eleanor Carroll Koenig, daughter of Brig. Gen. Egmont F. Koenig, USA-Ret., and Mrs. Koenig, and Mr. Frederick Arthur Carleton of Philadelphia.

CLAYTOR-LEAR—Married at Trinity Episcopal Church, Washington, D. C., 18 June 1949, Miss Mary Lee Leary, daughter of Mr. and Mrs. Dalton Edward Leary of Takoma Park, Md., and Ens. Richard Anderson Clayton, son of Mr. and Mrs. William Graham Clayton of New York City.

CLINITE-SMITH—Married at the Grace Episcopal Church, Kirkwood, Mo., 9 June 1949, Miss Camilla Smith, daughter of Col. Willard L. Smith, USA, and Mrs. Smith of St. Louis, Mo., and Ens. Richard Cedric Clinite, USN, son of Mr. and Mrs. Wendell Clinite, Kirkwood, Mo.

COE-LONGLEY—Married at the Mt. Vernon Baptist Church, Arlington, Va., 16 June 1949, Miss Mary Olga Longley, daughter of Dr. and Mrs. A. E. Longley of Temple City, Calif., and Mr. Edward Harold Coe, son of Col. and Mrs. E. H. Coe of Arlington.

CREECH-GALLIETT—Married at the First Presbyterian Church, San Anselmo, Calif., 19 June 1949, Miss Geraldine Anne Galliett, daughter of Col. Hatfield H. Galliett, USA, and Mrs. Galliett, and Mr. William Douglas Rice, son of Col. John Rice, USA, and Mrs. Rice.

RUDZIS-FRIER—Married at the Post Chapel, Ft. Myer, Va., 18 June 1949, Miss Grace Friar, daughter of Mr. and Mrs. John Mason Friar of Falls Church, Va., and Lt. Edwin Michael Rudzis, USMC.

SACHSE-MURPHY—Married at a home ceremony, 11 June 1949, Miss Jane Murphy, daughter of Lt. Col. and Mrs. Joseph C. Murphy of 10 Park Road, Maplewood, N. J., and Ens. Frederick Charles Sachse of Ann Arbor, Mich.

SEARS-DUBOIS—Married at the Huguenot Memorial Presbyterian Church, Pelham Manor, N. Y., 18 June 1949, Miss Helen Middleton Dubois, daughter of Mr. and Mrs. Wilbur Chapman Dubois, and Lt. Alton Dorman Sears, son of Mrs. John Tilman Allen of Lamesa, Tex., and the late Mr. Frederick Sears.

SHOOK-DRAKE—Married at the South Presbyterian Church, Dobbs Ferry, N. Y., Miss Elizabeth Ann Drake, daughter of Mr. and Mrs. Howard Elliot Drake, and Lt. Charles Harwood Shook, USA, USMA '48, son of Mr. and Mrs. Edgar Shook of Kansas City, Mo.

SPENDER-KUMLEY—Married at Base Chapel, Eglin AFB, Fla., 10 June 1949, Miss Jean Kumley of Jacksonville, Ill., and Capt. Byron S. Snyder.

SPENCER-WILSON—Married at St. Paul's Lutheran Church, Providence, R. I., 18 June 1949, Miss Elaine Irene Wilson, daughter of Col. Lloyd C. Wilson, MC, USAS of Providence, and Mr. Alfred James Spencer, Jr., son of Mr. and Mrs. A. J. Spencer of North Scituate, R. I.

SPILLERS-POHL—Married at the Church of St. John the Apostle, Leesburg, Va., 14 June 1949, Miss Jennet Shields Pohl, daughter of Col. and Mrs. Herman Henry Pohl of Leesburg, and Lt. William Harry Spillers, Jr., USAF, son of Mr. and Mrs. William Harry Spillers of Richmond, Va.

STEWART-DENIT—Married at Nurnberg, Germany, 11 June 1949, Miss Betty Blair Denit, daughter of Maj. Gen. and Mrs. Guy B. Denit, and Mr. Franklin Randolph Stewart of Denver, Colo.

SYMINGTON-STUDT—Married at the Central Presbyterian Church, St. Louis, Mo., 21 June 1949, Miss Janey Studt, daughter of Mr. and Mrs. Sidney Studt of St. Louis, and Mr. Stuart Symington, son of the Secretary of the Air Force and Mrs. W. Stuart Symington of Washington, D. C.

TECT-BRYAN—Married at the Blessed Sacrament Church, San Diego, 18 June 1949, Miss Mary Ann Bryan, daughter of Capt. Alanson L. Bryan, (MC), USN (Ret.), and Mrs. Bryan, and Capt. Gerald Joseph Tice, USMC.

VINCENT-FISKE—Married at Coronado, Calif., 18 June 1949, Miss Julianne Fiske, daughter of Rear Adm. Linn S. Fiske, USN, Deputy High Commissioner of the Trust Territories of the Pacific, and Mrs. Fiske, and Lt. Cmdr. Patrick Tiffany Vincent, USN, son of Mr. Charles Ridgely Vincent and the late Mrs. Vincent of Chicago, Ill.

Capt. Fred W. Holt, SC, USN (Ret.), and Mrs. Holt of Chevy Chase, Md.

HUNDLEY-VAN HOUTEN—Married at Nelson Presbyterian Church, St. Louis, 11 June 1949, Miss Helen Van Houten, daughter of Mrs. William Hartley and the late Mr. Henry A. Van Houten, and M. Sgt. Henry W. Hundley of Lebanon, Ind.

KEARNEY-SOSTO—Married at the Sacred Heart of Jesus Catholic Church, Baltimore, 18 June 1949, Miss Arlene Claire Soto, daughter of Mr. and Mrs. Patrick John Soto of Baltimore, and Ens. Stuart Dodd Kearney, USN, son of Mr. and Mrs. William P. Kearney, USN, and Leonie, N. J.

MCCALLUM-MEAGHER—Married at St. Jerome's Church, Hyattsville, Md., 11 June 1949, Miss Maria Royce Meagher, daughter of Mr. and Mrs. Harry R. Meagher of University Park, Md., and Lt. Charles Phillip McCallum, USMC, son of Maj. and Mrs. C. P. McCallum of Washington, D. C.

NEWMAN-SMITH—Married at Holy Trinity Chapel, West Point, N. Y., 4 June 1949, Lt. Regina G. Smith, ANC, daughter of Mr. and Mrs. Ambrose Leo Smith of Baltimore, and Maj. John Taylor Newman, son of Mr. and Mrs. Charles Newman of Cleveland, Calif.

O'CONNELL-DeHART—Married at the Holy Guardian Angels Catholic Church, Lauderdale, Pa., recently, Miss Fern DeHart, daughter of Mrs. Theodore Lentz of Reading, Pa., and 2d Lt. Lawrence O'Connell, USMC, son of Mrs. F. R. Dutcher and the late Mr. L. O'Connell of Oakland, Calif.

PEEK-E-WATSON—Married recently in Calif., Mary Edie Watson, daughter of Mrs. Edie and the late Col. Guy Lewis Edie, MC, USA, and Col. Carroll Earl Beauchamp Peek.

PHILLIPS-VAN TUYL—Married at Chapel No. 3, Keesler AFB, Miss., 11 June 1949, Miss Coral M. Van Tuyl and 1st Lt. William W. Phillips.

RICE-GALLIETT—Married at the First Presbyterian Church, San Anselmo, Calif., 19 June 1949, Miss Geraldine Anne Galliett, daughter of Col. Hatfield H. Galliett, USA, and Mrs. Galliett, and Mr. William Douglas Rice, son of Col. John Rice, USA, and Mrs. Rice.

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(Continued on Next Page)

Births, Marriages, Deaths (Continued from Preceding Page)

WADDELL-HUEY — Married at San Diego, 18 June 1949, Miss Elizabeth Huey and Mr. Ward William Waddell, Jr., son of Capt. W. W. Waddell, USN-Ret., and Mrs. Waddell of San Diego.

WAGNER-PEABODY — Married at the Naval Chapel, Yokosuka, Japan, 21 June 1949. Miss Sara Ann Peabody, daughter of Dr. and Mrs. J. Winthrop Peabody of Chevy Chase, Md., and Lt. William F. Wagner, USMC, son of Mr. and Mrs. Francis G. Wagner of Falls Church, Va.

WALES-SHADLEY — Married at Chapel No. 1, Cpl. Chaffee, Ark., 18 June 1949, Lt. Mary Louise Shadley, ANC, daughter of Mrs. Lucille E. Shadley of Ada, Ohio, and Mr. Delmar Shadley of Lima, Ohio, and Lt. Perry Wilson Wales, son of Mr. and Mrs. Harold W. Wales of Detroit, Mich.

WALKER-LEAHY — Married at Christ Church, Georgetown, Washington, D. C., 22 June 1949, Miss Louise Harrington Leahy, daughter of Capt. William H. Leahy, USN, and Mrs. Leahy of Chevy Chase, Md., and Mr. John Cusworth Walker, 3d, son of Mr. and Mrs. Curtis Walker, also of Chevy Chase.

WHITTING-MEARS — Married at Old St. Mary's Roman Catholic Church, Phila., 22 June 1949, Miss Margaret Virginia Mears, daughter of Mr. and Mrs. Joseph Edward Mears, and Lt. Charles Segar Whiting, USMC, son of Mrs. B. Biasson Whiting of Hilton Village, Va., and Maj. Thomas Segar Whiting, also of Hilton Village.

WRIGHT-FOOTE — Married at the home of the bride at Asheville, N. C., 14 June 1949, Miss Veta Merle Foote, daughter of Mr. and Mrs. William H. Foote, and 1st Lt. Homer A. Wright, USA, son of Col. Robert L. Wright, USA-Ret., and Mrs. Wright Sedgefield, Greensboro, N. C.

Died

ADAMS — Died near Cabaniss Field, Corpus Christi, Tex., 14 May 1949, Lt. (jg) Paul Adams, USN.

ALLEN — Died at Circle Terrace Hosp., Alexandria, Va., Mrs. Collis Lackey Allen, wife of the late Maj. Hugh A. Allen, USA, and the mother of Lt. Col. Hugh A. Allen, USA, of Yokohama, Japan, and Mrs. Collis Allen Onachila, wife of Lt. (jg) Frank T. Onachila, USN, of Alexandria, Va.

BOOTH — Died at Tulsa, Okla., 20 April 1949, Lt. Col. George H. Booth, SigC, ORC. He is survived by his widow and three children.

BURBANK — Died at Livermore, Calif., 11 June 1949, 2d Lt. Reginald Burbank, Jr., Inf.

CHRISTENSEN — Died at US Naval Hosp., Long Beach, Calif., 15 May 1949, Lt. Carl Christian Reis Christensen, USN-Ret.

COOPER — Died at West Baltimore Gen. Hosp., Baltimore, Md., 17 June 1949, Col. Harry Cooper, USA-Ret.

CRAIG — Died at Reno, Nev., 7 June 1949, Col. John W. Craig, USA-Ret.

DEADERICK — Died at Montgomery, Ala., 12 June 1949, Col. George S. Deaderick, USA-Ret.

DOCKRY — Died at US Naval Hosp., San Diego, Calif., 19 May 1949, Capt. Lyman Edwin Dockry, USNR (Ret.).

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FARINA — Died at Ft. Sheridan, Ill., 10 June 1949, CWO Leonard J. Farina.

FINLEY — Died suddenly at his home, Monterey Peninsula Country Club, Del Monte, Calif., 18 June 1949, Lt. Col. James Randlett Finley, USA-Ret., aged 54. He is survived by his wife, Mrs. Josephine Powers Finley, and a brother, Maj. Gen. Thomas D. Finley, USA-Ret., of Colorado Springs, Colo.

FORD — Died at her home at Aberdeen Proving Ground, Md., Mrs. Grace Horne Ford, wife of the commanding general there, Brig. Gen. E. L. Ford. She is survived by her husband and two daughters, Mrs. J. R. Brown of Thomaston, Conn., and Mrs. John E. Westberg of Elmsford, N. Y. Services were held at Aberdeen Proving Ground, Md., and interment was at Arlington National Cemetery, Washington, D. C.

HARRIS — Died at Ore. City, Tex., 20 May 1949, T. Sgt. Roy Temple Harris, Jr., USMC.

HENRY — Died at Carmel, Calif., 11 June 1949, Mrs. Elizabeth MacKay Henry, wife of Col. William R. Henry, USA-Ret.

HOLDEN — Died at Ravenna, Ohio, 17 June 1949, Capt. Willard M. Holden, MC.

FRENCH — Died at his home at Santa Barbara, Calif., 17 June 1949, Col. Avery Johnson French, CAC, USA-Ret. He is survived by his son, Lt. Comdr. George W. French, USN, of Key West, Fla.; a daughter, Mrs. Robert G. Zeller of Arlington, Va.; and two brothers, Mr. F. M. French of Napa, Calif., and Col. H. French, CAC, USA, of Washington, D. C. Interment was in Arlington National Cemetery, Washington, D. C., 21 June.

HARRIS — Died at Ore. City, Tex., 20 May 1949, T. Sgt. Roy Temple Harris, Jr., USMC.

HENRY — Died at Carmel, Calif., 11 June 1949, Mrs. Elizabeth MacKay Henry, wife of Col. William R. Henry, USA-Ret.

HOLDEN — Died at Ravenna, Ohio, 17 June 1949, Capt. Willard M. Holden, MC.

Army and Navy Journal 1261

June 25, 1949

IMPERATORI — Died at his home in Essex, N. Y., 15 June 1949, Dr. Charles Johnstone Imperatori, former chief bronchoscopist at the Manhattan Eye, Ear and Throat Hosp., in New York City, and brother of Lt. Col. Reginald J. Imperatori, USA-Ret., of Phoenixville, Pa.

ISHMAEL — Died at his quarters in Heidelberg, Germany, 2 June 1949, 1st Lt. Hinckle K. Ishmael, AF.

JACKMAN — Died at the US Veterans' Hosp., New Orleans, La., 15 May 1949, Capt. Andrew W. Jackman.

(Please turn to Next Page)

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Births, Marriages, Deaths

(Continued from Preceding Page)

JADWIN—Died at Walter Reed Gen. Hosp., Washington, D. C., 22 June 1949, Mrs. Jean Jadwin, widow of Lt. Gen. Edgar Jadwin, one time Chief of Army Engineer Corps. She is survived by a son, Col. C. C. Jadwin of Washington, D. C., a daughter, Mrs. Thomas G. Heran of Palo Alto, Calif., and three grandchildren.

JORDAN—Died at Plaistow, N. H., 4 June 1949, Mrs. Lillian Terhune Jordan, wife of Capt. John N. Jordan, (SC), USN (Ret.). Interment was at Arlington National Cemetery, Washington, D. C.

MAINES—Died at US Naval Hosp., Pensacola, Fla., 5 May 1949, Lt. Howard Dillon Maines, USN-Ret.

MILLIKEN—Died at Johnson City, Tenn., 10 June 1949, Mrs. Frances P. Milliken, wife of Brig. Gen. Charles M. Milliken, USA-Ret. Besides her husband, she is survived by two sons, Capt. Morton E. Milliken, Tokyo, Japan, and Capt. W. Seth Milliken, Ft. Monmouth, N. J.; a daughter, Mrs. Jane M. Goodrich, wife of Lt. Col. Raymond H. Goodrich; and four grandchildren.

MOLINEUX—Died at Remsenburg, L. I., N. Y., 12 May 1949, Mrs. Winifred Ruland Molineux, widow of Cecil Setton Molineux, daughter-in-law of the late Maj. Gen. and Mrs. Edward Leslie Molineux. She is survived by her daughters, Mrs. Constance M. McAneny, wife of Lt. Col. George F. McAneny, now in Darmstadt, Germany, and Mrs. Sollace M. Good of Remsenburg, L. I., and two granddaughters, Priscilla and Leslie McAneny and a grandson, Cecil Richard Good.

MORISSETTE—Died at Tacoma, Wash., 12 June 1949, Capt. Kenneth C. Morissette, Inf.

MOSSES—Died at his home in Coronado, Calif., 16 June 1949, Col. Laurence H. Moses, USMC (Ret.). He is survived by his wife, Mrs. Maud Moses of Coronado; two daughters, Mrs. Edward A. Fellows of Coronado and Mrs. Donald Clairmonte of N. Y.; a son, Mr. Laurence R. Moses of N. Y.; and four grandchildren.

NEWBAKER—Died at his home in Windber, Pa., 10 June 1949, Mr. Edward J. Newbaker, president of the Berwind-White Coal Mining Co. for many years. He was a member of the class of 1895 at the US Military Academy. He is survived by his widow, Mrs. Margaret L. Conroy Newbaker, and four children, Philip C. Newbaker, Easton, Md., Mrs. Katherine Mion, Washington, D. C., Edward J. Newbaker, Jr., Westmont, Pa., and Mrs. Frances A. Phillips, Cambridge, Md.

PROCTOR—Died at his home, 128 Marine Ave., Brooklyn, Lt. Col. Arthur B. Proctor, USA-Ret. Surviving are his wife, Mrs. May E. Proctor, and a daughter, Miss May Proctor.

SAMPLE—Died unexpectedly at Atlanta, Ga., 15 June 1949, Mrs. William R. Sample, wife of Brig. Gen. William R. Sample, USA-Ret. Surviving are her husband of 45 Brighton Road, Atlanta; a daughter, Mrs. Adeline

FINANCE • MERCHANT MARINE

Financial Digest

A Federal Reserve Board Bulletin issued this week announced that first quarter profit margins were below 1948 levels, but still high. Corporate profits last year were about ten per cent above 1947, and were the largest on record. In the first quarter of 1949 profits were 15 per cent below those of the last quarter of 1948, but about 10 per cent larger than in the first quarter of last year.

Increases in fixed costs per unit of product, resulting from a declining sales level, and inventory losses have tended to decrease profits. On the other hand, decreases in unit labor and material costs have operated as an offset in sustaining profits.

The Department of Commerce this week reported:

"The trend of business purchasing since the first quarter has been directed toward cutting inventories and reducing forward ordering—a move evident all the way from the manufacturing to the retail stage. As the second quarter progressed this general reduction in business commitments was reflected in additional declines in income, production and industrial prices."

Business circles this week expressed considerable interest in the announcement of the Veterans' Administration that some \$2.8 billion in National Life Insurance dividends would be distributed by the Government to millions of veterans next January. This wide disbursement is expected to give retail business a lift during the often dull post-Christmas period.

Winston Stewart, a son, Mr. Edward T. Winston of Miami, Fla.; and a grandson, John P. Stewart, Jr. Interment was at Arlington National Cemetery, Washington, D. C.

SMITH—Died at Green's Rest Home, Los Gatos, Calif., 17 May 1949, Maj. Sumner M. Smith, USA-Ret.

TAYLOR—Died at Westerly Hosp., Westerly, R. I., 15 May 1949, Capt. Conant Taylor, USN (Ret.).

TUPPER—Died at Letterman Gen. Hosp., San Francisco, Calif., 15 June 1949, Col. Joseph E. Tupper, USA-Ret.

WALDSCHMIDT—Died at Logan, Nebr., recently, Capt. Hugo E. Waldschmidt, TC.

WARD—Died at Army and Navy Gen. Hosp., Hot Springs, Ark., 17 June 1949, 1st Lt. Paul S. Ward, Inf.

WOLD—Died near the Patuxent Naval Air Sta., Patuxent, Md., 21 June 1949, Navy Petty Officer Leonard H. Wold of Washington, D. C. He is survived by his wife and two children.

Obituaries

Edward J. Newbaker

Mr. Edward J. Newbaker, a member of the U. S. Military Academy Class of 1895, died at his home in Windber, Pa., 10 June.

Mr. Newbaker was vice president of the Berwind-White Coal Mining Company, and prominent for many years in the coal industry. He served in the Army in the Spanish American War.

He is survived by his widow, Mrs. Margaret L. Conroy Newbaker, and four children, Philip C. Newbaker, Easton, Md.; Mrs. Katherine Mion, Washington, D. C.; Edward J. Newbaker, Jr., Westmont, Pa., and Mrs. Francis A. Phillips, Cambridge, Md.

Lt. Comdr. H. M. Jensen

Hayden M. Jensen, 38, a Lt. Comdr. and naval aviator, was buried with military honors 10 June in Arlington National Cemetery, Va. Comdr. Jensen rendered outstanding service during World War II for which he was twice awarded the Navy Cross as well as the Distinguished Flying Cross, the Air Medal, a Presidential Unit

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Merchant Marine

Citing the cooperation of the maritime industry, the USMC, and the National Military Establishment, Maj. Gen. Philip B. Fleming, U. S. Maritime Commission Chairman, declared recently that this nation has resumed its long-range planning for the Merchant Marine under the provisions of the Merchant Marine Act of 1936. Addressing members of the graduating class of the U. S. Merchant Marine Academy, Kings Point, L. I., General Fleming stated that the present unbalanced condition of the fleet is being overcome by the construction of passenger vessels among which will be the largest commercial ship ever built in this country. "Negotiations with steamship companies to build additional passenger-carrying vessels and cargo ships of improved design continue to go forward, and I am sure that we shall see a program of ship construction in the United States over a period of several years. There will be no slump this time. We have our authority in law," declared General Fleming.

U. S. shipyards report that there were 66 vessels of 1,054,114 gross tons and 1,598,035 deadweight tons under construction or on order as of 1 June, of which 57 were tankers aggregating 1,520,385 deadweight tons.

Citation and the Purple Heart. He died 6 June at the U. S. Naval Hospital, Newport, R. I. He is survived by his widow, Mrs. Henrietta Schirmer Jensen, and two sons, Douglas and Hayden, Jr.

Lt. Col. George H. Booth

Lt. Col. George Henry Booth, Sig C, ORC, was instantly killed in an automobile accident in Tulsa, Okla., 20 April 1949.

(He served with the Signal Corps at Fort Monmouth, N. J., from 1942 to 1945. After the war he returned to civil life and at the time of his death had position with the Bethlehem Steel Company in Tulsa.)

His widow and three children, Marcia Bradley, Michael Barton, and Deborah Farley, now live at 2341-2nd Street, Harrisburg, Pa. Other survivors include his father and mother, Mr. and Mrs. Herbert B. Booth of Columbus, Ohio, and a sister, Mrs. Curtis Kizer, of Dallas, Tex.

Maj. Thos. B. McGuire, jr.

The body of Maj. Thomas B. McGuire, Jr., World War II fighter hero and Medal of Honor winner, has been returned to the United States for reburial in Arlington National cemetery.

At the time of his death the young hero was operations officer of the 475th Fighter Group of the Fifth Air Force. He had shot down 38 Japanese planes, making him the second highest-ranking fighter pilot of the Air Force. Other than the Medal of Honor, he had been awarded the Distinguished Service Cross, Silver Star with two Oak Leaf Clusters, Distinguished Flying Cross with five Clusters, Air Medal with 14 Clusters, and the Purple Heart with one Cluster.

To Special Services

Maj. Gen. Thomas W. Herrin, USA, has been relieved from his assignment with the Far East Command, Tokyo, Japan, and has been ordered to report to the Office of the Chief of Special Services, Washington, D. C.

Army Retired Reservists

The Army has made available an additional list of Reserve officers retired under Public Law 810 upon reaching the age of 60 and having completed 20 years' creditable service. Placed on the AUS retired list were:

Brig. Gen. R. E. Mit-
telstaedt
Col. R. W. Benedict
Col. J. N. Pease
Lt. Col. S. Crump
Col. W. M. Stout
Lt. Col. W. R. Ohno-
wes
Brig. Gen. J. H. Sher-
burne
1st Lt. J. H. Dalton
Lt. Col. R. A. Elsley
Maj. J. E. Deford
Capt. R. V. Rudd
Col. H. C. Saunders
Lt. Col. C. E. Pell
Col. C. W. Orr
Capt. J. Oms
Lt. Col. J. M. Hackler
Maj. H. G. Meserve
Col. W. Lyon
Col. T. F. Porter
Col. E. Bains
Capt. F. W. Lee
Col. G. J. Schoen
Col. F. E. Ahrens
Col. (Chap) H. T.
Braa
Lt. Col. James C. Hall
Col. C. P. Stahr
Lt. Col. O. S. Mer-
edith
Col. (Chap) M. M.
Hoffman
Capt. H. T. Ames
Maj. J. H. McIntyre
Col. L. L. Conrad
Lt. Col. G. G. Burns
Col. E. F. Norell
Lt. Col. E. K. Hooper
Col. H. C. Aldrin
Lt. Col. H. W. Schell-
enger
Lt. Col. A. S. Bigelow
Lt. Col. E. P. Robin-
son
Lt. Col. L. J. Hirsch-
man
Lt. Col. T. G. Mc-
Nicholas
Lt. Col. H. A. Stearns
Maj. C. N. Alston
Lt. Col. A. E. Frederick
Maj. M. W. Bridges
Col. O. B. Ilnastad
Col. L. J. Corbett
Lt. Col. J. D. Alexander
Lt. Col. J. H. Bonneville
Lt. Col. L. S. Houser
Col. S. W. Connor
Maj. H. P. Thurlow
Capt. R. N. Slaughter
Maj. A. W. Bedell
Col. D. J. Coman
Capt. W. A. Drake
Maj. A. A. Lucey
Capt. P. Goeckel
Lt. Col. E. R. Hazlett
Lt. Col. E. B. Chapman
Col. (Chap) D. T. Gill-
mor
Col. E. D. Householder
Maj. D. Pettigrew
Col. G. B. Stebbins
Maj. M. A. Healy
Maj. M. C. Wright
Lt. Col. G. H. Gifford
Maj. D. E. Burr
Capt. Arthur H. Smith

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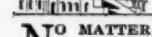
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Gen. Bradley's Statement to Senate Committee

FOLLOWING is the text of the statement of General Omar N. Bradley, Chief of Staff of the United States Army, to the Senate Armed Services Committee, relative to the pending bill for the upward revision of career compensation for the Uniformed Services:

"If I were to choose an item of legislation on which I would particularly wish to testify before your committee, I would select the Career Compensation Act of 1949. Not selfishly, for I have been more than rewarded for my services. The United States Army has permitted me, and thousands like me to pay my way honorably in a career of service to the nation. But rather I come to speak for the younger men of this generation, and for the next generation upon whom we must rely for the future security of this nation.

"As I look back over the past thirty years, I believe that the Army's system of professional education which was re-vitalized, and expanded after World War I was one of the greatest contributions to the winning of World War II. For it provided us, in our small nucleus of Regular officers, and our larger reinforcement of capable National Guard and Reserve officers, with a skilled leadership, competent to face the most difficult tactical and strategic problems thrust upon us.

"And as the multitude of postwar problems arose for the armed forces after World War II, it became apparent that new career incentives, to hold, and to attract men who can repeat and improve upon the performance of my generation, would be our first priority problem. As long as qualified men respond in a free economy to the opportunity for initiative and the prospect of reward, we must offer qualified men in the Armed Forces compensation comparable to that awaiting their superior capacities elsewhere.

"The school system that held the key to our successful leadership will be of little value if it must offer its teachings to succeeding years of enlisted men and officers who are not capable of learning the lessons, and later applying the principles and tactical doctrine devised by that outstanding professional educational system.

"Our great strength in the United States, for peace and for war, lies in our agriculture, our industry, and our whole economy. But if the Armed Services are to be called upon to protect, in modern, technical, more complex warfare, these United States, we must have men of ability, who equal the best men our system of government and way of life can provide.

"Even though you are in complete agreement with the need for an upward pay revision, I realize that other considerations must be weighed carefully by this Committee in making its recommendations. Because theirs is the labor that produces the taxes that provide for the nation's defense, the American people may reasonably ask why it is that the Armed Forces must at this time add to the existing cost of government the further burden of a major pay revision.

"There is no need to deceive ourselves, a revision will cost money. Despite the ultimate value of its long-term objectives, its immediate effect means more spending. What we must prove to your satisfaction is that the benefits of a pay revision are worth what it will cost.

"We must explain why premium personnel are essential to the efficient operation of our Armed Forces and show how an antiquated pay schedule from the horse-trolley age is making it increasingly difficult for us to get and keep quality men for a quality security system.

"Armed security cannot be computed in bodies and numbers. The public interest can only be served by the most capable men we can get and hold. Because one Marshall or Eisenhower is worth many lesser men, it is important that we concentrate on the training of as many junior Marshalls and Eisenhowers as the services can attract and keep.

"And yet at a time when industry was granting its second and third rounds of pay increases, men in the services are waiting patiently and uncomplainingly for the American people to correct their pay scales.

"I do not contend—even now—that a man need take the vows of poverty to wear the uniform of his country. But I do contend that first class men in the military profession today do serve their country because of the satisfaction they find in that service, rather than in any financial rewards they gain from it.

"I am sure it was never intended that the

wives and children of military men be burdened with continual sacrifice in their living standards because their wage-earners elected careers in the Armed Forces. Too many of our most promising officers and non-commissioned officers are torn in conflict between a choice of duty to their country and duty to their children. We have reached a pathetic condition when men of superior capabilities are unable to satisfy both. And nowhere is this more apparent than among our colonels and commanders who in their prime of life and peak of efficiency find themselves compensated at the pay rates of their fathers in the gaslight age.

"With your permission, I would like to discuss briefly some of the details of the bill, as it has been passed by the House, for your consideration.

"In my earlier remarks I have emphasized the incentive which this proposal offers. Reward for excellence and enterprise was the foundation of the report of the Hook Commission—the basis for their whole plan of overhauling the pay system.

"Just as success is an American characteristic, so is the ambition to work to the top. In the Armed Services the top ranks of general and admiral represent the achievement of this success and ambition.

"In the discussion of the bill in the House of Representatives, great emphasis was placed on the pay of the 'brass' and the top-side rank, and some of the remarks uttered under the cloak of equalization vilified the top positions in our Armed Forces. These comments, which could only tend to cause a rift between the officers and men, and which contributed little to the evaluation of the merits of the legislation, I can assure you, were not well taken by the men and women of the Army.

"However, since there was also emphasis on economy in the pay of our top echelon of management, I think it is important to call it to your attention. One of the objectives of the Hook Commission was to arrange the pay scale in proportion to the responsibility, and the years of training and specialization that the job demanded, and provide some equalization in compensation with our top executives of business and industry.

"On the 72,325 Army officers on duty today, only 355 are generals. I use the Army example because that is the service with which I am most familiar. However, I am sure there are not disproportionate numbers of admirals in the Navy nor generals in the Air Force.

"It has been estimated that in Fiscal Year 1950 with an effective date of October 1, this pay increase for the Army will result in a net increased cost to the government of 109 million dollars for the 676,000 men and women in the Army. For the 355 generals in the Army, less than \$900,000 will be needed to give them the pay raise now scheduled—less than eight-tenths of one per cent of the total. One can see that on the basis of economy the pay increase for the generals and admirals was emphasized out of all proportion.

"Nevertheless, I feel that this raise of 900 thousand dollars for the 'brass' in the Army is one of the most significant factors in this whole Career Compensation plan. The Army, which is a business of people, is largely a business of individual opportunity. In the Army we have general officers who rose from \$15-a-month privates. I know that every second lieutenant, when weighing an Army career against his opportunity in civilian life, looks hopefully at these 355 general officer positions as ones that he might aspire to. And certainly some of the more visionary privates also have the hope in their minds that they too might some day command divisions, Corps, and perhaps even become Chief of Staff.

"If we want aspiring talent rather than hopeful incompetents at the foot of our ladder, we must, on each succeeding rung, have remunerative incentive as well as the prestige of rank.

"Although I am here as Chief of Staff of the Army, I speak for the Navy and Air Force as well. There is no distinction in our needs for competent personnel. We are all part of an establishment which seeks by the devotion, the intelligence, and the initiative of its professional personnel to provide thoroughly and economically for the safety of our nation.

"There is a provision in Section 204 of the bill, as it was passed by the House, which concerns incentive pay for hazardous duty which we consider an important feature of this career compensation program. Extensive inquiry by the Hook Commission resulted in full endorsement of hazardous duty pay for men willing to take the risk.

"And further, the sections of this bill as passed by the House of Representatives which deal with the new system for physical disability, comprise a sounder system for the armed forces than we have had before. The best feature, in my opinion, is that the physical disability retirement provisions have now been expanded to include for the first time in the history of our armed forces, all components of the services, and officers and enlisted men alike.

"Finally, I would like to point out that this year the \$1500 income tax exemption granted to the Armed Forces as a war measure in 1943 was rescinded. At a time when soldiers, sailors, and airmen are struggling with lagging

pay scales in a high cost period, the loss of this exemption has had the effect of materially reducing their take-home pay. We thoroughly concur in the desirability of placing the Armed Forces on an equal tax footing with the civilian population. There is no need for a favored status for the Armed Forces in tax payments. Members of the Armed Forces share equally in the benefits of government and they must expect to bear their full, proportionate, and fair share of its costs. Therefore, rather than ask extension of income-tax exemptions, we recommend approval of a career compensation program that will permit the serviceman to pay his way like any other citizen."

"Nevertheless, it is not irrelevant to point out that since January 1 every member of the Armed Forces has suffered a pay cut because of the expiration of this income-tax exemption. This is at a time when leaders of labor have been juggling the proposition of not just a wage increase, but a fourth round wage increase.

"In conclusion, on behalf of the one and one-half million servicemen and women I represent today, may I acknowledge before you the exceedingly generous public service of Mr. Hook and his associates. And may I also pay tribute to the wives and mothers of service personnel who have uncomplainingly followed their men through the vicissitudes and hardships of service life, and have made whatever sacrifice that has been necessary to enable their sons and husbands to perform such fine service to their country.

"This bill that you are considering is not only the result of the need for a revision in pay. It comprises a modification of our whole present pay structure which has been pyramiding inequities for 41 years. The American people have created their military establishment in the image of their own nation. It is an establishment founded upon equalities and upon freedom of opportunity. I feel that the underlying principles of this legislation which you are considering, as well as the detailed improvements in incentive and reward for our men and women in uniform, if favorably considered, will be an everlasting monument of appreciation of the American people for their Armed Forces."

New Army Dental Set-Up Urged

Subcommittees of the Senate and House Committees on Armed Services started hearings this week on bills that civilian witnesses contended would result in economy and expertise in the securing of dental supplies in greater efficiency of dental administration, and in elevating the esprit de corps of the Army dentists.

Senator Hunt (D-Wyo.), chairman of the Senate subcommittee holding the hearing, and a former dental surgeon, was the introducer of the Senate bill. Rep. Rivers (D-S.C.), a member of the House Committee on Armed Services, and always interested in legislation involving Service dentists, was the sponsor of the House bill. The Department of the Army opposes the measures.

The proposed legislation, according to the civilian witnesses, is the result of an inferiority complex inspired by the fact that the administration of the Dental Corps is under the control of medical officers, even a junior medical officer ranking a dentist senior to him at any stated post, and requisitioning for dentists.

It was agreed that this is not true in the Navy, and that the desired objective is provided for in AR 4-15, but the consensus of opinion was that this regulation is being ignored and, therefore, should be enacted into law.

The suggested set-up would be a dental officer, with officer rank, as an Assistant to the Surgeon General and to be known as Chief of the Dental Division, Office of the Surgeon General, Department of the Army, with appropriate duties;

that the officer strength of the Dental Corps shall not be less than two officers for each thousand of total strength of the Army and Air Force, including Reserve officers and enlisted reservists on extended active duty, and that there shall

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be "an authorized strength of dental technicians equivalent to two dental technicians for each authorized commissioned officer of the Dental Corps."

The final section of the legislation would grant to the Dental Corps "the right and the duty of administering within the Army and Air Force all matters relating to dental health."

Discusses Copper Stockpiling

The Munitions Board Copper and Copper Alloys Industry Advisory Committee met at the Pentagon recently to discuss stockpiling of these metals with representatives of the Munitions Board and the National Security Resources Board.

Mr. K. C. Brownell, American Smelting and Refining Company, Industry Chairman, led the industry discussion. Mr. E. H. Hawkins, Acting Chief of the Office of Materials Resources, presented the Munitions Board's views.

The Committee expressed satisfaction with the Government's copper buying program in the 1949 fiscal year, and gave the Munitions Board a forecast of the outlook as to the availability of copper for stockpiling in the 1950 fiscal year.

Those participating in the meeting were:

Industry: K. C. Brownell (Chairman), Vice President, American Smelting & Refining Co., New York, N. Y.; Cleveland E. Dodge, Vice President, Phelps Dodge Corporation, New York, N. Y.; Robert E. Dwyer, Executive Vice President, Anaconda Copper Mining Company, New York, N. Y.; Benno Elkan (representing A. J. McNab), Magma Copper Co., New York, N. Y.; W. M. Goss, Executive Vice President, Scovill Manufacturing Co., Waterbury, Conn.; Leo Halpern, Assistant to the President, American Smelting & Refining Co., New York, N. Y.; Benjamin Harris, President, Benjamin Harris & Co., Chicago Heights, Ill.; Edwin W. Horleben, President, Gibson & Kirk Co., Baltimore, Md.; W. W. Lynch, Calumet and Hecla Consolidated Copper Co., Calumet, Mich.; C. T. Ulrich, Vice President, Kennecott Copper Corporation, New York, N. Y.; J. V. Urdilequez, Vice President, U. S. Metals Refining Co., New York, N. Y.; B. N. Zimmer (representing Norman Hickman), American Metals Co., Ltd., New York, N. Y.; C. C. Felton, Vice President Reverie Copper & Brass Co., New York, N. Y.

Munitions Board Representatives: E. H. Hawkins, Lt. Col. F. H. Holmes.

National Security Resources Board: John Croston.

43rd Division Reunion

Former members of the 43rd Infantry Division which saw 3 years of service in the Pacific Theatre during World War II will gather at Fort Varnum, Narragansett, R. I., on 9-10-11 Sept. for a reunion and convention of their National Association.

Governor Ernest R. Gibson of Vermont, present commander of the association and former Division staff officer, will speak. Maj. Gen. Kenneth F. Cramer, present Commanding General of the 43d Infantry Division and Chief of the National Guard Bureau, is expected to attend. Former members of the Division are advised to contact George E. Cole, State Armory, Hartford, Conn., for hotel reservations and registration.

New Barksdale AFB C.O.

Col. George W. Pardy, former Inspector General of Air Training Command, has assumed command of Barksdale AFB, La., succeeding Col. Aubrey C. Strickland, who has been named to a new command in Germany.

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Importance of Commercial Transportation

By MAJ. GEN. F. A. HEILEMAN, USA
Chief of Transportation

WRITTEN indelibly on the pages of American history is the evidence that a strong and vigorous commercial transportation industry is essential to our prosperity, our independence, and our security.

Study of past experiences, examination of the present situation, and contemplation of possible future national and international developments compels the conclusion that transportation is perhaps the most important single physical support of our complex National Defense structure.

This conclusion is supported and strengthened by realization that modern warfare has taken on global aspects which never again can be disregarded.

To get there "fustest with the mostest" are words with more meaning today than ever before. In any system of equilibrium action and reaction are equal and opposite, and in modern war action will be ever before. In any system of equilibrium, reaction must be equally fast, and action means transportation. We might muster and train the best Army in the world, but without means to move our armed forces to the scene of action accompanied by supporting supplies and the tools of their trade, we can neither defend our principles of national policy nor defeat an aggressor in the field.

This means rapid, certain and efficient transportation. It means commercial transportation, for the transportation serving the nation in time of peace must also serve the Armed Forces and the mobilization effort in time of war. The people and equipment implementing normal peacetime transportation are in the main the same people and equipment required to carry the war load. It is upon civilian industry that the Army depends to meet its emergency transportation demands. Army policy fostering a strong efficient transportation industry in peacetime recognizes this fact.

In its support of military operations, transportation should be considered always as a highly specialized technical overall function and not as a subordinate activity of Army supply, Navy supply, or Air Force supply. It is the global common carrier service for all the armed forces and in this capacity cannot be confined by geographic boundaries or compartmented into land, water, or air transportation. In proper prospective, transportation is the movement of persons and things—not the driving of trucks, the running of railroads, the flying of airplanes, or the sailing of ships. The cargo and personnel moved, not the carrier, is the point of primary interest and all transportation media must be coordinated with their primary objective of timely common carrier service for the common good in support of the national objective.

Peacetime realities constitute the only foundation upon which we can build securely any reasonable expectation of emergency expansion to meet war conditions. The Army is one of the biggest users of commercial transportation, and its excellent service rendered the Army commercial transportation is serving the cause of National Defense by laying the foundation for expansion in the event our country becomes involved ever again in war. In this connection the record discloses that during 1948 a total of 1,692,000 short tons of freight was hauled by motor and freight forwarders and that an additional 9,995,000 short tons of freight, which included carload, less than carload, and rail express, was hauled by rail. This freight was handled entirely by private commercial operators.

During the same year approximately

90% of 17,200,000 measurement tons of ocean traffic outbound over facilities of the Army's four ports of embarkation was moved in commercial bottoms.

Estimates of needs in future emergencies must be based, in part upon experiences of the last World War. Records indicate that whereas during 1941 cargo shipments for troop supplies ran about 284,000 ship tons per month, 60,400,000 ship tons, or more than 5,000,000 tons per month went overseas during 1945. Other transportation underwent similar expansion. During the fiscal year 1945 the total rail movement of freight for the Army and Air Force was 104,000,000 short tons while, during the same period motor carriers moved 10,248,000 tons; inland waterways moved 1,736,000 tons, and commercial air lifted 9,600 tons.

In a possible future war similar increases in military transportation requirements can be expected to parallel increases in war effort requirements of the U. S. economy. It is to commercial industry that our nation must look to meet both these requirements and to supply trained personnel with the necessary "know how" for military service in this country and overseas.

Industry has recognized and is meeting this National Defense responsibility. The close relationship developed during the last war between the Transportation Corps and private industry did not end with the close of hostilities. The need to coordinate technological and industrial improvements with National Defense requirements was recognized on both sides. The Technical Advisory Committee to the Transportation Corps, composed of industrial, technical, financial, and educational leaders was set up to help the Corps solve its technical and operational problems and continues to function in that capacity.

In another far-sighted defense move, the Army inaugurated its affiliated program, under which civilian organizations sponsor certain key type service units of the Organized Reserve Corps. Industry responded, with the result that agreements have been signed by sponsors of 482 highway units, 51 rail units, and 2 shipping units. These units have functions of an administrative or technical nature. Their mission is to support combat elements by furnishing services or supplies during an emergency.

Transportation concerns also are lending support to the Army's training with industry program. Under this program, officers are placed with individual concerns for specified periods and devote 75% of their time to operations and 25% to management training which enables them to keep abreast of industrial advances and better coordinate the civilian resources made available to military needs.

It can be said truly that the transportation Army's four ports of embarkation was industries of our country met every demand placed upon them during World War II and that their performance was a major factor in winning the final victory. This record justifies every confidence that any demand in the future will be met by the same response. Whatever the problems to be solved, the coordination and mutual confidence developed between the Army Transportation Corps and industry, and the continuance of that relation justify the reliance of National Defense on the transportation industries of the Nation.

Inter-American Defense Board

Lt. Gen. Stanley D. Embick, USA-Ret., first Chairman of the Inter-American Defense Board upon its initial organization seven years ago, attended the 166th Plenary Session of the Board 21 June as the honor guest. He was presented to members of the board, composed of Army, Navy and Air representatives of the American Republics, by Lt. Gen. Willis D. Crittentenger, the present Chairman.

General Embick was designated Senior United States Army Representative to the Inter-American Defense Board on 28 Mar. 1942, and was unanimously elected as the first Chairman at the first Plenary Session on 30 Mar. 1942. He served in this capacity on the board until Feb. 1946, when he retired from active service.

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American Industry and Ordnance

MAJOR GENERAL E. S. HUGHES
Chief of Ordnance, U. S. Army

ORDNANCE becomes a tremendous problem for the United States in wartime, chiefly because ordnance materiel has no peacetime counterpart. During times of peace, the people of the United States wear clothing and shoes, eat food, use the telephone and telegraph, enjoy excellent medical services, and ride on trains, planes and ships, but they have no use for tanks, artillery, bombs, rockets, guided missiles, ammunition, fire control and similar items of ordnance.

To impede further the inauguration of the wartime production of ordnance, there is no commercial munitions industry, so to speak, in the United States such as has existed in most of the larger European countries. It is traditional in our country that we do not have and do not want a peacetime munitions industry in the United States. What we must have and do want is an industry constantly alert and qualified to take on its wartime ordinance responsibilities.

In all the peacetime industrial mobilization planning of the Ordnance Department, the very closest cooperation between Ordnance and American Industry is essential to successful wartime production, and hence is of paramount importance to our National Security.

If the United States is unfortunate enough to become engaged in another major war, ordnance in great quantity and superior quality will be required, and American Industry will have to make it. I am confident that American Industry will make it fast and furiously.

It seems to me that to achieve effective industrial mobilization planning in peacetime, the first problem which confronts us is one of effective organization. That means that both American Industry and the Ordnance offices of the Armed Services must be well-organized with their thinking and planning coordinated. I believe—and I have thought so for a long time—that the most important task of the Army, Navy and the Air Force is to guarantee that everything possible is done to reduce the load placed upon industry of the U. S. if and when war breaks.

Provision must be made beforehand for the possible loss of industrial capacity through aerial bombardment. Some provision must be made for increasing the production capacity to make those particular items, which emerge in every war, as "must" requirements after the conflict starts.

The next thing we have to do is to pay attention to strategic raw materials and insure that we use as few as possible of them in our ordnance production. We of the Armed Services also must translate the military characteristics of all required weapons into drawings and specifications which can be understood, adopted, and utilized by American Industry without delay.

Likewise, we must determine with a considerable degree of accuracy the balanced ordnance requirements of the combat forces and make those requirements known to industry through some established channel. To illustrate, if a certain quantity of steel is allocated by the National Security Resources Board through the Munitions Board to the Ordnance Department of the Army for the production of all types of Ordnance equipment, then all steel using requirements must be calculated so as to keep within the available steel tonnage.

We must also—and particularly in time of peace—tie in our current procurement with our industrial mobilization planning.

There is today, and there has been for many years, the very closest cooperation among the Army, Navy and Air Ordnance Offices of the National Military Establishment. For example, rifles, machine guns and their ammunition are supplied by the

Ordnance Department of the Army for all the needs of the three Armed Services. Similarly, other specific items are officially assigned to the Ordnance Departments of the Army, Navy and Air Force, with the consequent elimination of competition in procurement to meet the Ordnance requirements of the National Military Establishment.

That being the assignment to the Army, Navy and Air Force, the next assignment is to Industry itself. I believe that that assignment should consist of one job, and one job only—mass production. I am convinced that no Navy man or Army man or Air Force man can be a competent mass producer. I know that as far as the Ordnance Department is concerned, no officer and no civilian who made ten tanks in Rock Island arsenal, is a qualified mass production man. There is a vast difference between the methods used by Industry for mass production and those which we use in our arsenals. Therefore, the task assignment to American Industry I might break down into two parts, the first of which is production engineering and the other is mass production.

As far as the organization of the National Military Establishment is concerned, having assigned to the Army, the Navy, and the Air Force, and to the Munitions Board, their responsibilities in this matter of industrial mobilization, we have then to provide for some means for getting information which we obtain and the data which we work out, into the hands of the people who are going to produce the ordnance equipment. We have various methods for doing that. The Navy has its field organization, the Air Force has its field procurement offices, and the Army has its fourteen Ordnance District Offices which have been in existence for many years. Through these channels we make known to the field the orders which we have to place; and potential contractors obtain their information from them.

But there is need for other information—more in the nature of help to us than it is of help to Industry. That information concerns production engineering. For the purpose of accumulating data on production engineering, the civilian American Ordnance Association has established a large number of technical committees, all composed of very able men, who were engaged in the manufacture, during World War II, of the items being handled by the Committees of which they are members. These committees have been immeasurably helpful.

That leaders of American Industry are thoroughly conscious of, and deeply devoted to the Ordnance problem and all its implications is best shown, I think, by a recent statement of Mr. Harvey C. Knowles, Vice President of the American Ordnance Association and director of its technical divisions and committees. In civil life, Mr. Knowles is well-known as Vice President of Procter and Gamble Company of Cincinnati. During World War II he was in charge of the vast powder and explosive loading operations this company performed with outstanding success for the Ordnance Department. He said:

"Peace is the high goal of all activities of the American Ordnance Association. In order to 'keep America strong for peace,' the Association provides National Technical Divisions and Special Committees constantly and immediately available to agencies of the National Military Establishment which may request their advice on matters related to the quantity production of ordnance in time of emergency.

"Civilian in character and membership, these Divisions and Committees are composed of members of the Association whose experience in World War II and whose leadership of private industry at this time are being made available to the armed forces on a voluntary advisory basis.

"It is the fixed policy of the Association not to encroach upon the functions of other recognized technical and industrial associations but rather to cooperate with all of them in assisting the armed services of the National Military Establishment in the redesign, production, and maintenance of superior ordnance."

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